

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062824\
 Data File : BF138392.D
 Acq On : 28 Jun 2024 17:50
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062824

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 29 02:48:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	179240	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	728052	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	398604	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	636961	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	247381	20.000	ng	0.00
86) Perylene-d12	15.492	264	305372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	854564	79.046	ng	0.00
7) Phenol-d6	6.516	99	1152642	79.147	ng	0.00
23) Nitrobenzene-d5	7.445	82	1117372	79.726	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	256978	78.909	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1857775	74.173	ng	0.00
79) Terphenyl-d14	12.974	244	1460022	80.881	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	206299	40.512	ng	99
3) Pyridine	3.416	79	516390	42.507	ng	98
4) n-Nitrosodimethylamine	3.387	42	306833	40.485	ng	97
6) Aniline	6.539	93	587156	41.314	ng	98
8) 2-Chlorophenol	6.663	128	467693	40.298	ng	97
9) Benzaldehyde	6.428	77	353083	39.281	ng	99
10) Phenol	6.528	94	629511	40.572	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	489802	40.194	ng	99
12) 1,3-Dichlorobenzene	6.816	146	519771	39.108	ng	98
13) 1,4-Dichlorobenzene	6.892	146	520685	39.071	ng	99
14) 1,2-Dichlorobenzene	7.045	146	479382	38.966	ng	99
15) Benzyl Alcohol	7.016	79	426827	40.919	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	980193	39.878	ng	100
17) 2-Methylphenol	7.134	107	387843	40.322	ng	98
18) Hexachloroethane	7.386	117	193729	40.303	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	356886	38.872	ng	98
20) 3+4-Methylphenols	7.286	107	451793	40.426	ng	96
22) Acetophenone	7.286	105	631945	38.260	ng	98
24) Nitrobenzene	7.463	77	569217	39.932	ng	96
25) Isophorone	7.698	82	1021606	39.532	ng	99
26) 2-Nitrophenol	7.775	139	258876	42.103	ng	98
27) 2,4-Dimethylphenol	7.810	122	315500	40.093	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	618996	39.794	ng	99
29) 2,4-Dichlorophenol	8.016	162	402646	39.838	ng	95
30) 1,2,4-Trichlorobenzene	8.098	180	450213	38.311	ng	100
31) Naphthalene	8.181	128	1424815	38.712	ng	100
32) Benzoic acid	7.939	122	287431m	40.648	ng	
33) 4-Chloroaniline	8.228	127	513792	39.971	ng	98
34) Hexachlorobutadiene	8.292	225	269800	38.239	ng	99
35) Caprolactam	8.610	113	131989	41.355	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	426505	39.617	ng	99
37) 2-Methylnaphthalene	8.869	142	923210	38.812	ng	99
38) 1-Methylnaphthalene	8.969	142	892195	38.675	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	423320	38.395	ng	98
41) Hexachlorocyclopentadiene	9.016	237	118404	36.484	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	279187	39.795	ng	96

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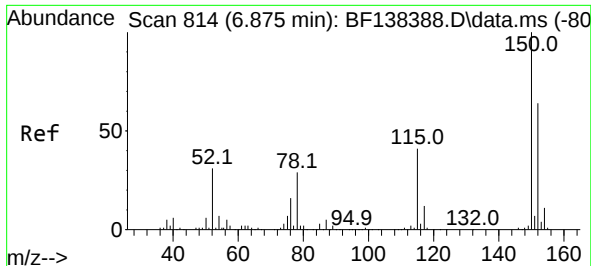
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	299283	39.225	ng	99
46) 1,1'-Biphenyl	9.333	154	1134536	38.120	ng	100
47) 2-Chloronaphthalene	9.357	162	871840	38.420	ng	98
48) 2-Nitroaniline	9.457	65	299840	40.962	ng	97
49) Acenaphthylene	9.775	152	1238418	38.805	ng	99
50) Dimethylphthalate	9.633	163	984897	38.446	ng	99
51) 2,6-Dinitrotoluene	9.698	165	229757	40.045	ng	97
52) Acenaphthene	9.945	154	857303	39.231	ng	100
53) 3-Nitroaniline	9.869	138	232560	41.041	ng	94
54) 2,4-Dinitrophenol	9.969	184	82592	39.165	ng	94
55) Dibenzofuran	10.116	168	1168231	38.801	ng	98
56) 4-Nitrophenol	10.027	139	153249	41.711	ng	90
57) 2,4-Dinitrotoluene	10.098	165	291961	41.329	ng	97
58) Fluorene	10.457	166	875455	36.593	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.233	232	229176	40.439	ng	99
60) Diethylphthalate	10.333	149	929784	38.820	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	444844	36.647	ng	98
62) 4-Nitroaniline	10.480	138	212497	40.856	ng	98
63) Azobenzene	10.610	77	994313	39.309	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	133811	40.294	ng	77
66) n-Nitrosodiphenylamine	10.569	169	762078	38.539	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	266460	38.919	ng	98
68) Hexachlorobenzene	11.004	284	282790	37.474	ng	100
69) Atrazine	11.098	200	229091	41.320	ng	99
70) Pentachlorophenol	11.198	266	159276	41.586	ng	99
71) Phenanthrene	11.422	178	1206111	38.783	ng	99
72) Anthracene	11.474	178	1199641	38.680	ng	99
73) Carbazole	11.627	167	1014134	39.386	ng	100
74) Di-n-butylphthalate	11.951	149	1306792	40.048	ng	99
75) Fluoranthene	12.604	202	1097706	39.371	ng	97
77) Benzidine	12.727	184	19881	10.050	ng	97
78) Pyrene	12.833	202	1071181	40.514	ng	99
80) Butylbenzylphthalate	13.451	149	343803	42.732	ng	96
81) Benzo(a)anthracene	14.015	228	624892	39.245	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	175596	37.352	ng	98
83) Chrysene	14.057	228	610375	39.395	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	416031	41.233	ng	99
85) Di-n-octyl phthalate	14.615	149	704837	39.910	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	609621	39.731	ng	99
88) Benzo(b)fluoranthene	15.062	252	685961	40.942	ng	97
89) Benzo(k)fluoranthene	15.092	252	614875	39.844	ng	98
90) Benzo(a)pyrene	15.433	252	591799	40.298	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	493822	39.872	ng	99
92) Benzo(g,h,i)perylene	17.409	276	481544	39.744	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



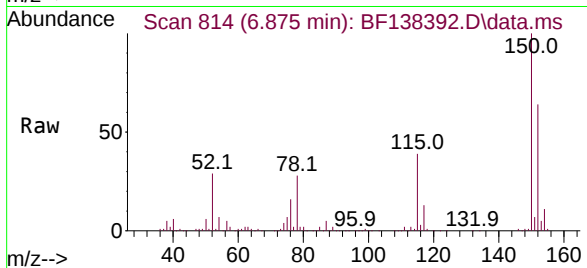
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138392.D
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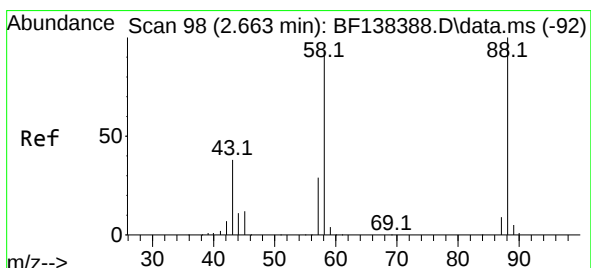
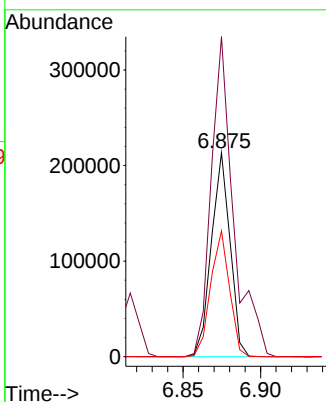
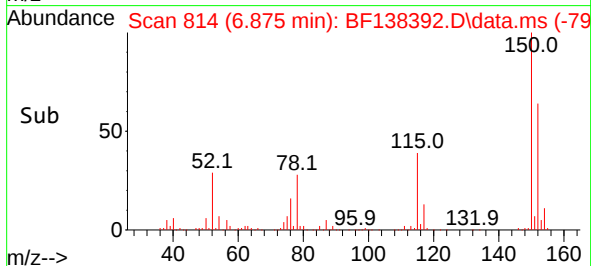


Tgt Ion:152 Resp: 179240
Ion Ratio Lower Upper
152 100
150 156.8 124.9 187.3
115 61.7 50.8 76.2

Manual Integrations

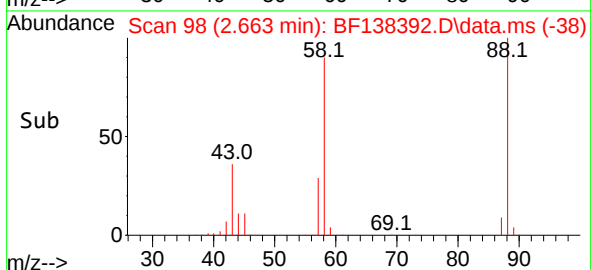
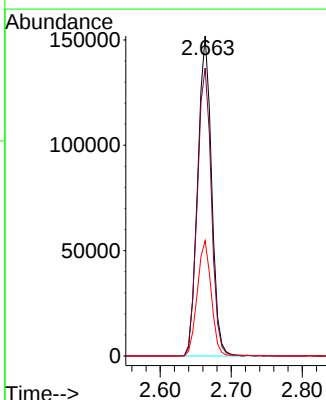
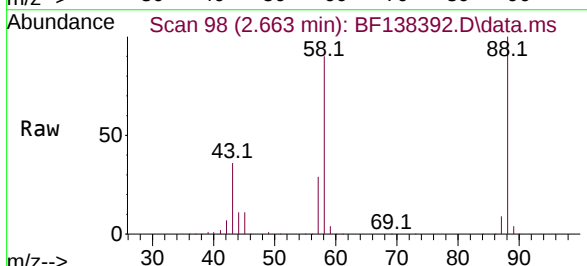
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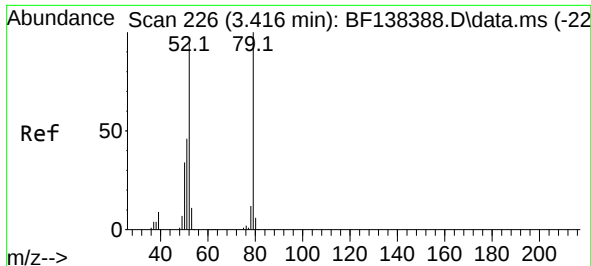
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#2
1,4-Dioxane
Concen: 40.512 ng
RT: 2.663 min Scan# 98
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Tgt Ion: 88 Resp: 206299
Ion Ratio Lower Upper
88 100
58 91.3 73.7 110.5
43 36.1 30.1 45.1





#3

Pyridine

Concen: 42.507 ng

RT: 3.416 min Scan# 226

Delta R.T. -0.000 min

Lab File: BF138392.D

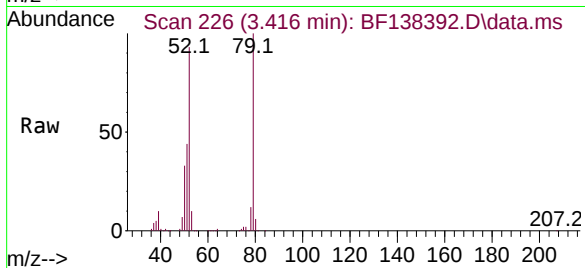
Acq: 28 Jun 2024 17:50

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BNA_F

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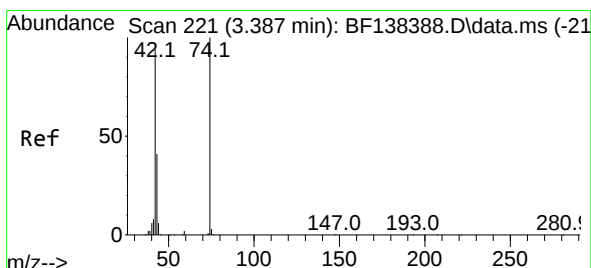
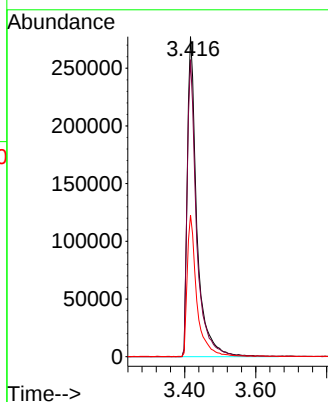
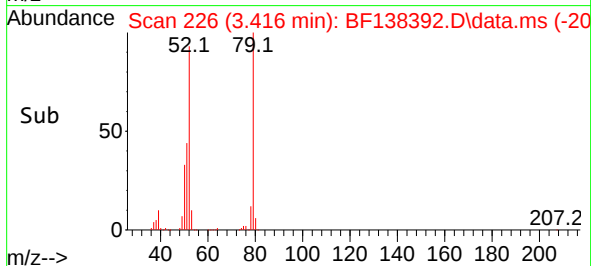
Tgt Ion:	79	Resp:	516390
Ion Ratio	Lower	Upper	
79	100		
52	92.8	76.2	114.2
51	44.3	36.7	55.1

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2024



#4

n-Nitrosodimethylamine

Concen: 40.485 ng

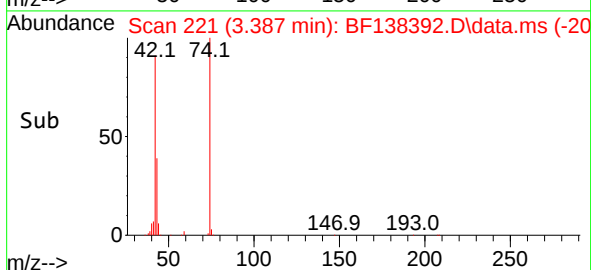
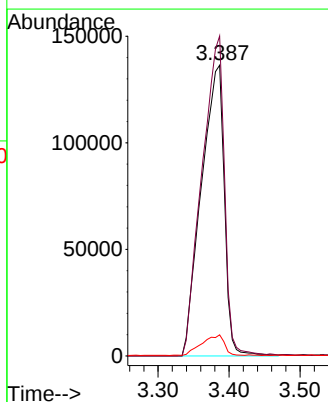
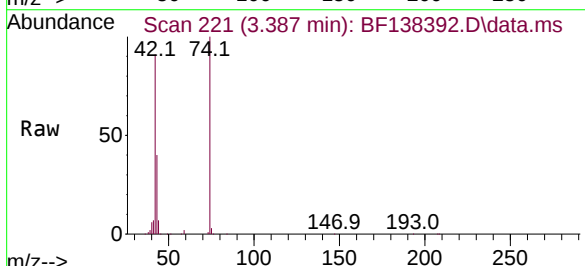
RT: 3.387 min Scan# 221

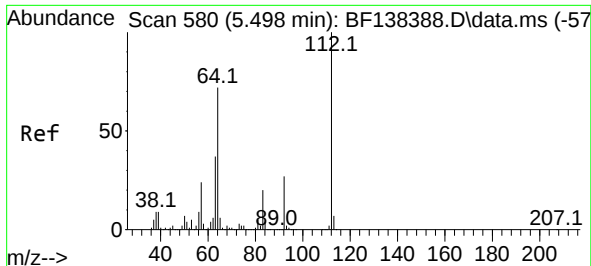
Delta R.T. -0.000 min

Lab File: BF138392.D

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Tgt Ion:	42	Resp:	306833
Ion Ratio	Lower	Upper	
42	100		
74	110.1	85.1	127.7
44	7.3	5.5	8.3





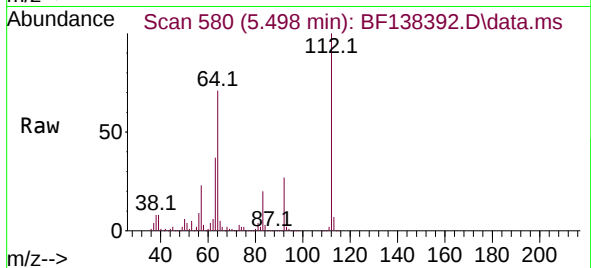
#5
2-Fluorophenol
Concen: 79.046 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

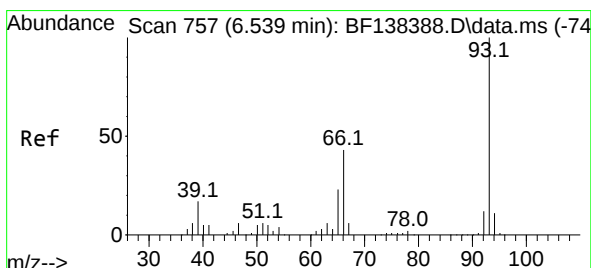
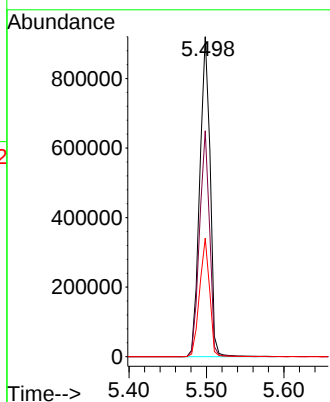
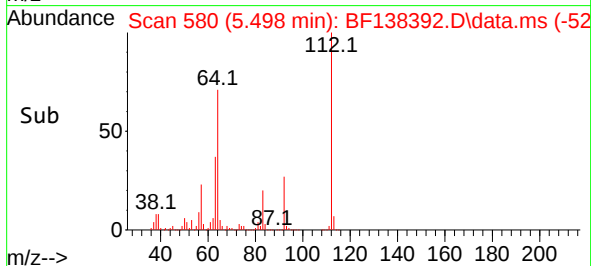
ICVBF062824



Tgt Ion:112 Resp: 854564
Ion Ratio Lower Upper
112 100
64 70.6 57.2 85.8
63 37.0 29.4 44.0

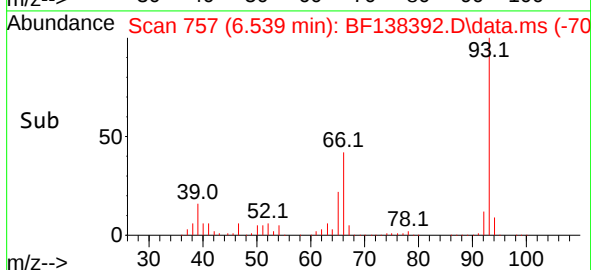
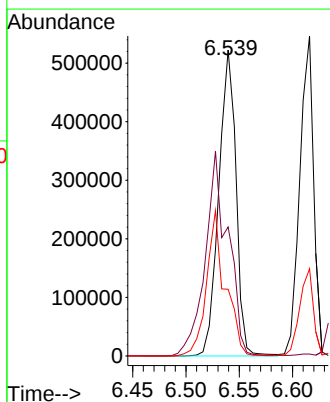
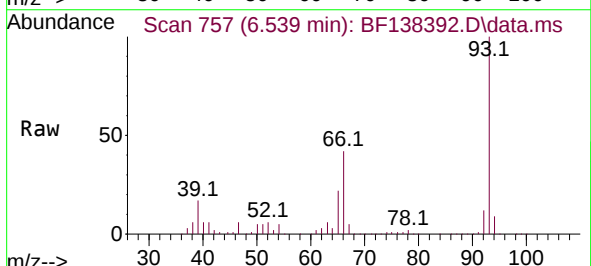
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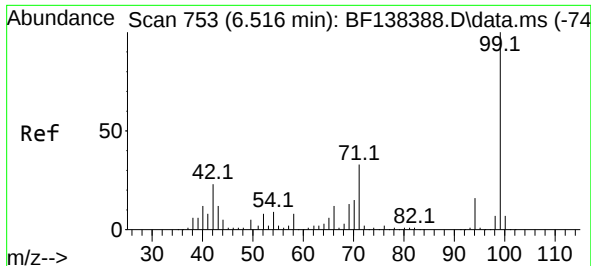
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#6
Aniline
Concen: 41.314 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Tgt Ion: 93 Resp: 587156
Ion Ratio Lower Upper
93 100
66 42.2 34.7 52.1
65 21.8 18.5 27.7





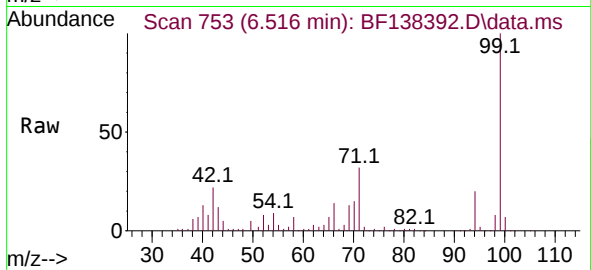
#7
Phenol-d6
Concen: 79.147 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

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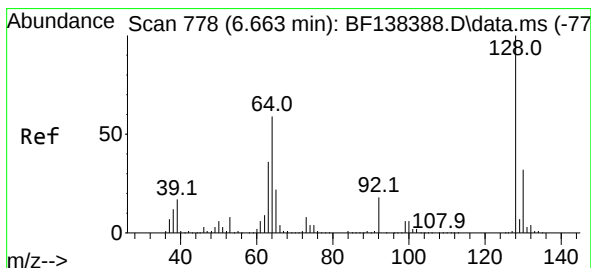
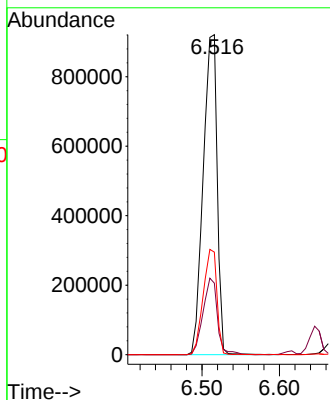
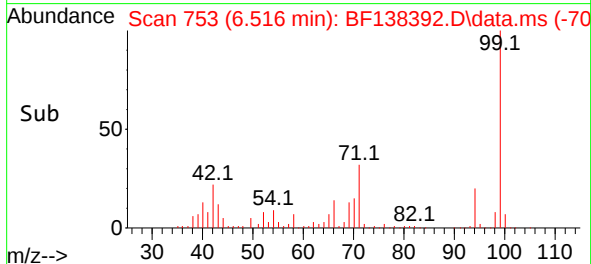
Tgt Ion: 99 Resp: 115264
Ion Ratio Lower Upper
99 100
42 22.3 18.5 27.7
71 32.0 26.1 39.1

Manual Integrations

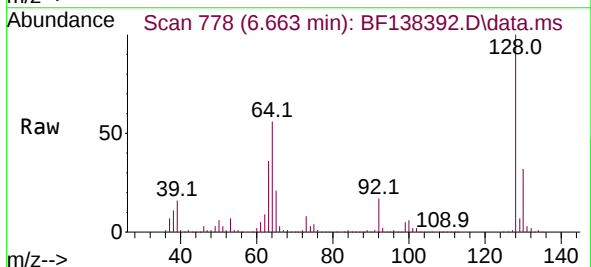
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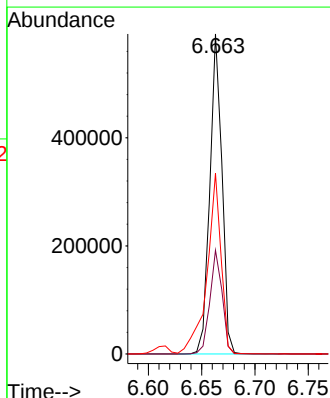
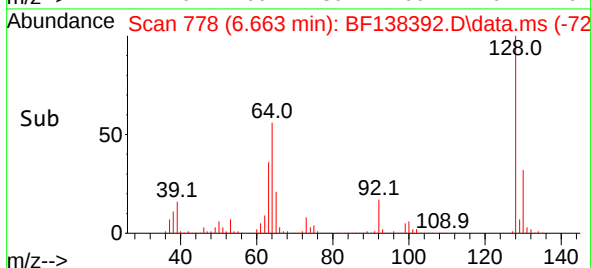
Supervised By :mohammad ahmed 06/29/2024

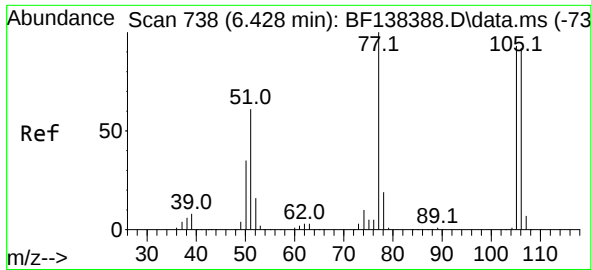


#8
2-Chlorophenol
Concen: 40.298 ng
RT: 6.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50



Tgt Ion:128 Resp: 467693
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 56.4 39.6 79.6





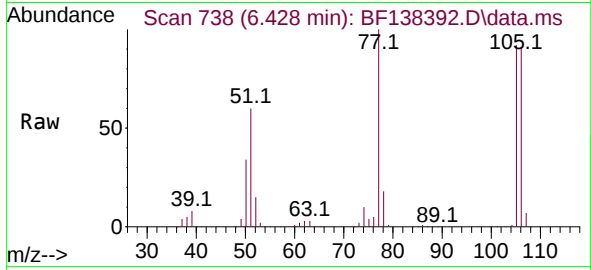
#9
Benzaldehyde
Concen: 39.281 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

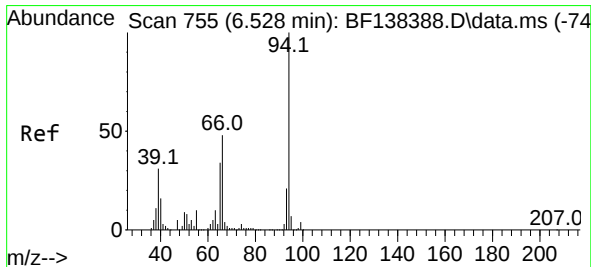
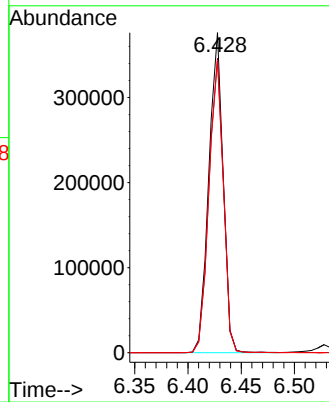
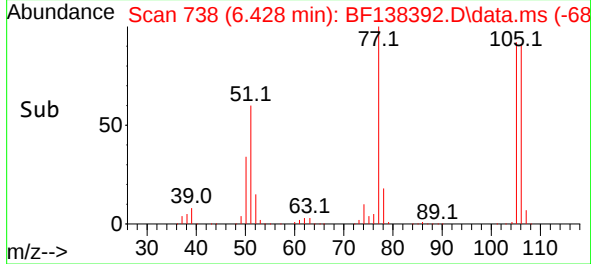
ICVBF062824



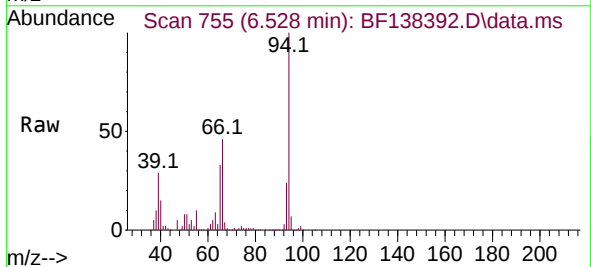
Tgt Ion: 77 Resp: 35308
Ion Ratio Lower Upper
77 100
105 92.1 73.2 113.2
106 91.4 71.5 111.5

Manual Integrations
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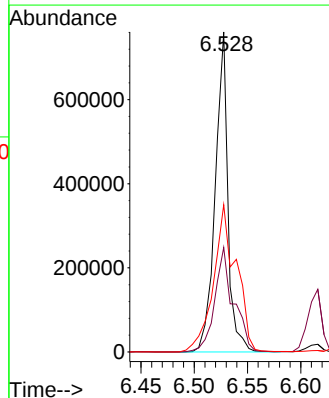
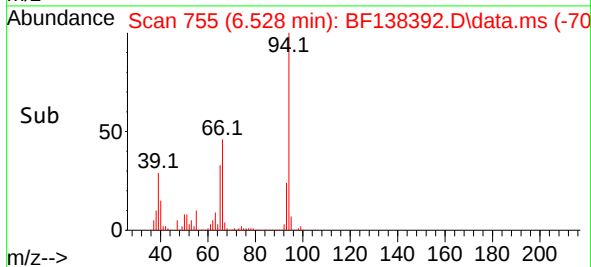
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

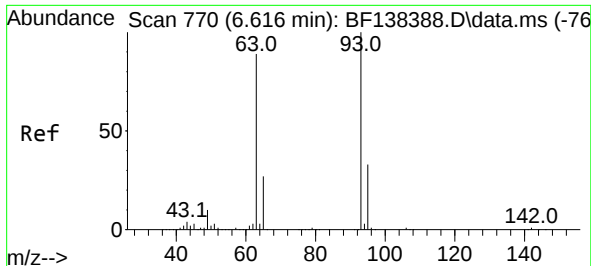


#10
Phenol
Concen: 40.572 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50



Tgt Ion: 94 Resp: 629511
Ion Ratio Lower Upper
94 100
65 32.6 14.2 54.2
66 46.0 27.9 67.9





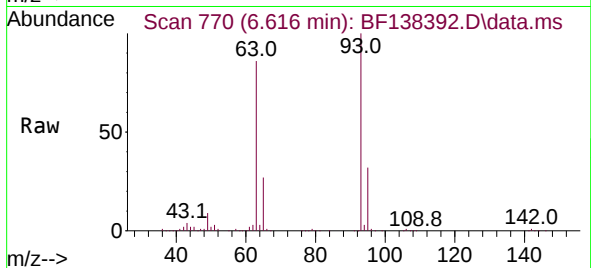
#11
bis(2-Chloroethyl)ether
Concen: 40.194 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

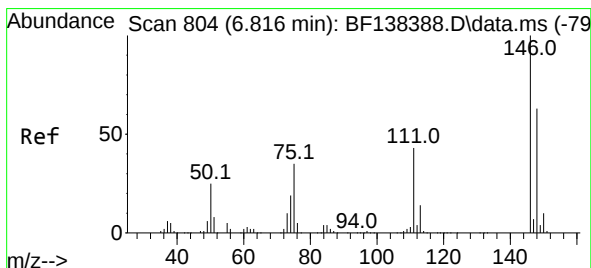
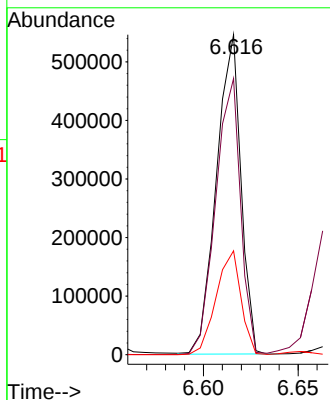
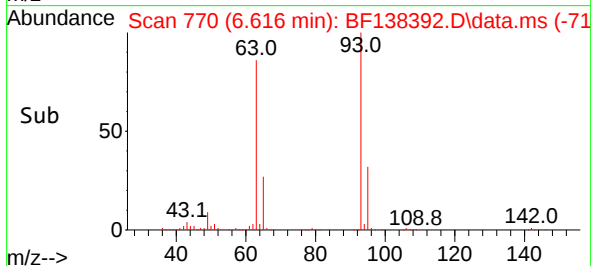
ICVBF062824



Tgt Ion: 93 Resp: 489802
Ion Ratio Lower Upper
93 100
63 86.3 68.2 108.2
95 32.4 12.4 52.4

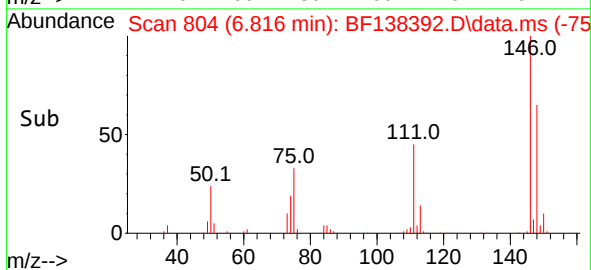
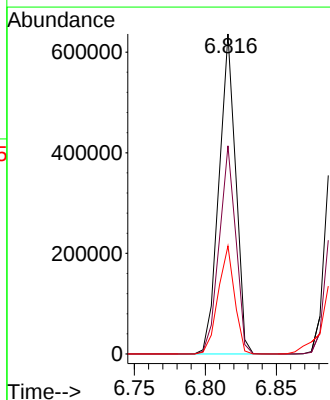
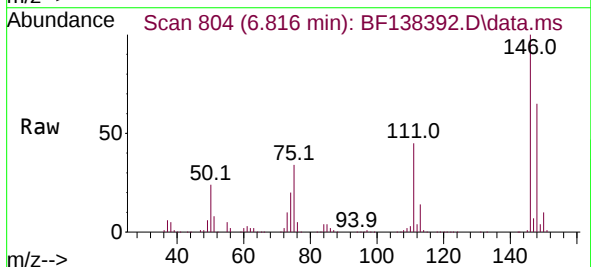
Manual Integrations
APPROVED

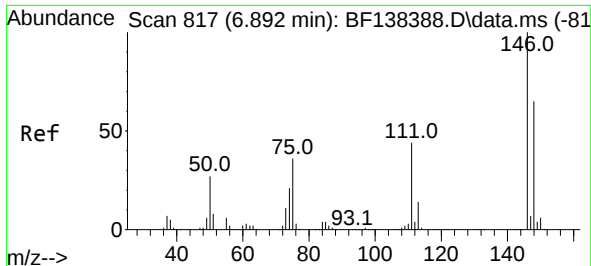
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#12
1,3-Dichlorobenzene
Concen: 39.108 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

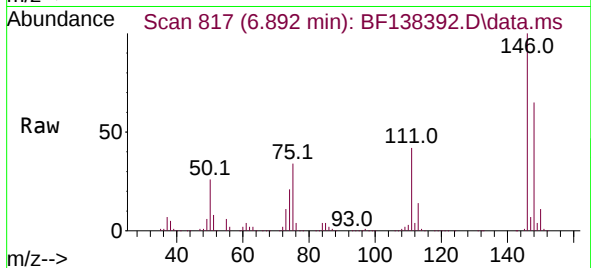
Tgt Ion:146 Resp: 519771
Ion Ratio Lower Upper
146 100
148 65.0 50.3 75.5
75 33.8 27.8 41.6





#13
1,4-Dichlorobenzene
Concen: 39.071 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

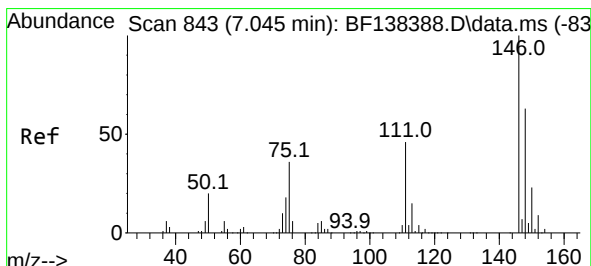
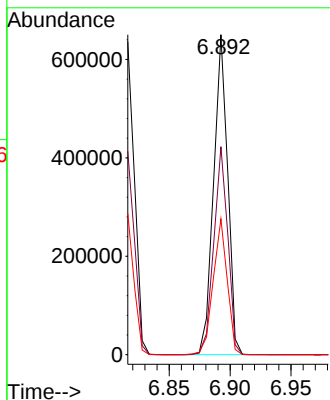
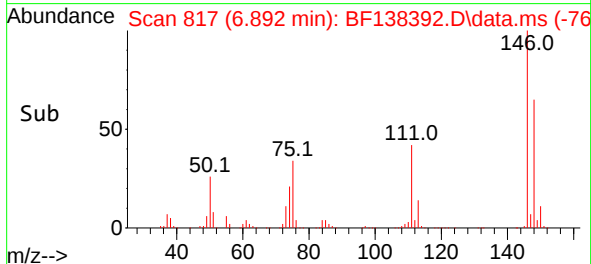
Instrument :
BNA_F
ClientSampleId :
ICVBF062824



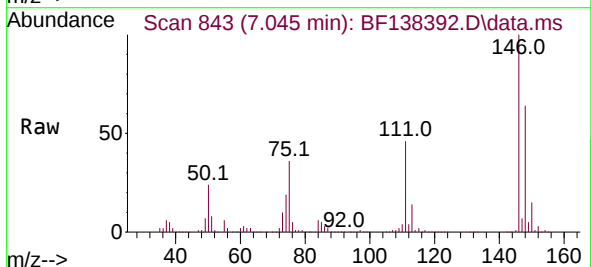
Tgt Ion:146 Resp: 520685
Ion Ratio Lower Upper
146 100
148 65.0 52.0 78.0
111 42.5 35.4 53.0

Manual Integrations
APPROVED

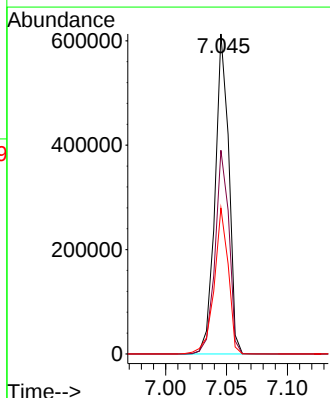
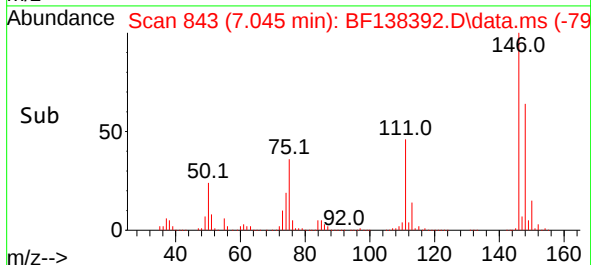
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

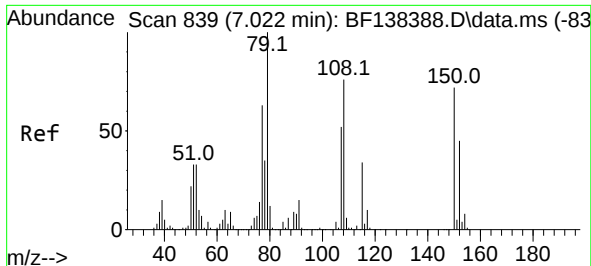


#14
1,2-Dichlorobenzene
Concen: 38.966 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50



Tgt Ion:146 Resp: 479382
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
111 45.6 37.1 55.7





#15
Benzyl Alcohol
Concen: 40.919 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

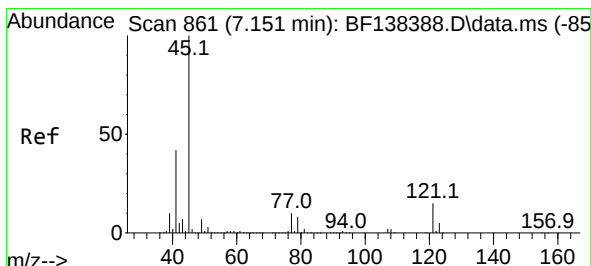
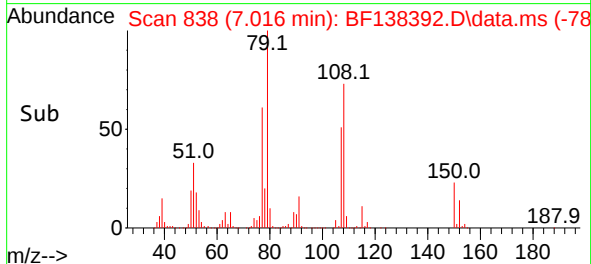
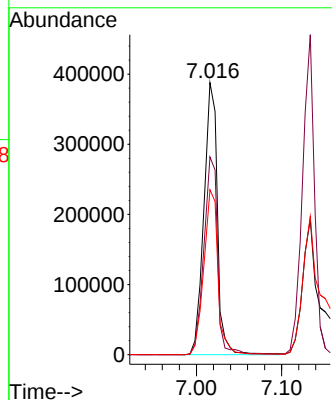
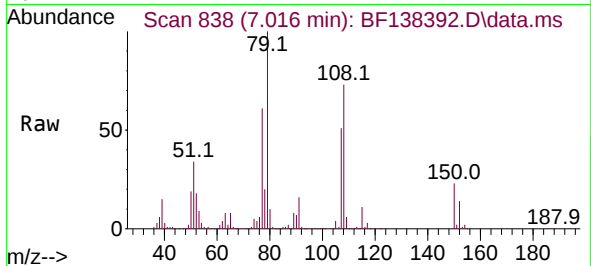
ClientSampleId :

ICVBF062824

Tgt Ion: 79 Resp: 42682
Ion Ratio Lower Upper
79 100
108 72.7 60.9 91.3
77 60.6 50.6 75.8

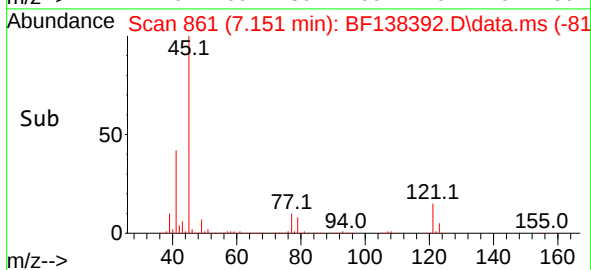
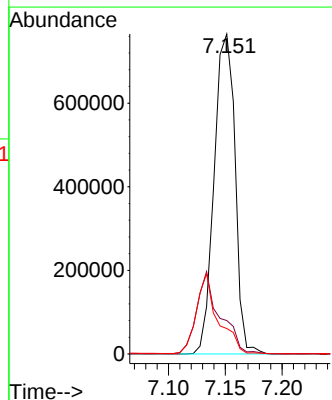
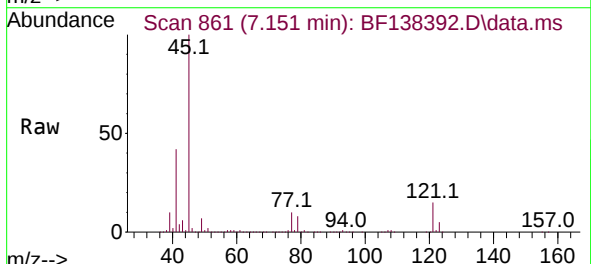
Manual Integrations
APPROVED

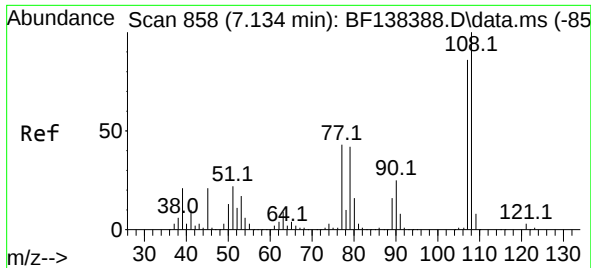
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.878 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Tgt Ion: 45 Resp: 980193
Ion Ratio Lower Upper
45 100
77 10.4 0.0 30.4
79 8.0 0.0 28.1





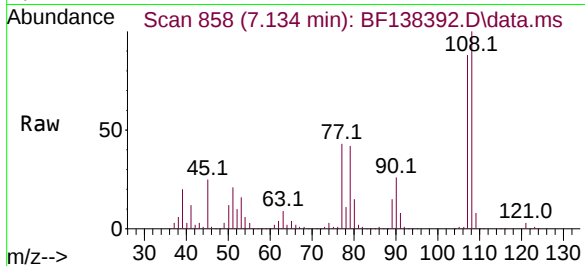
#17
2-Methylphenol
Concen: 40.322 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824

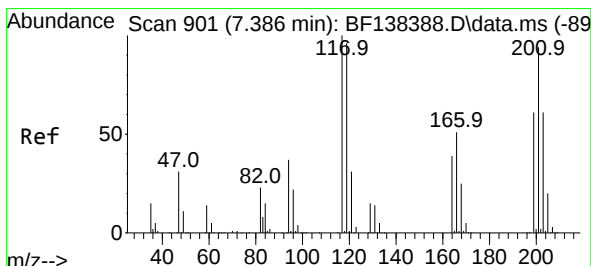
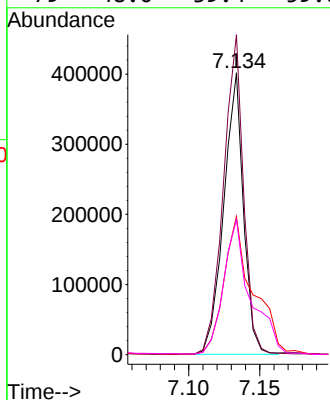
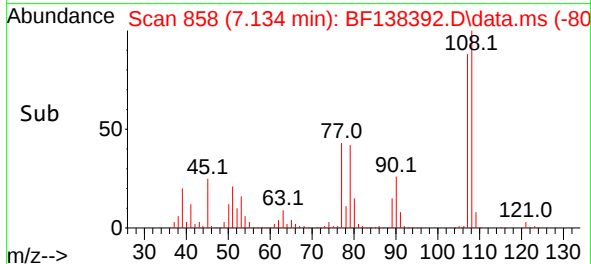


Tgt Ion:107 Resp: 38784
Ion Ratio Lower Upper
107 100
108 113.5 92.6 138.8
77 49.1 40.3 60.5
79 48.0 39.4 59.0

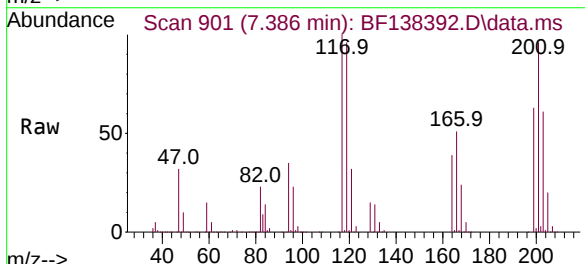
Manual Integrations

APPROVED

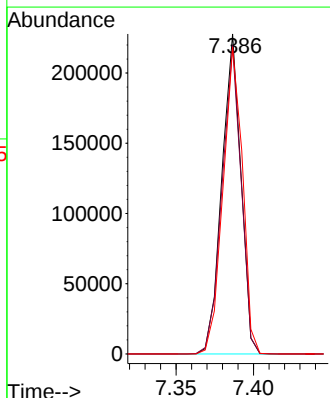
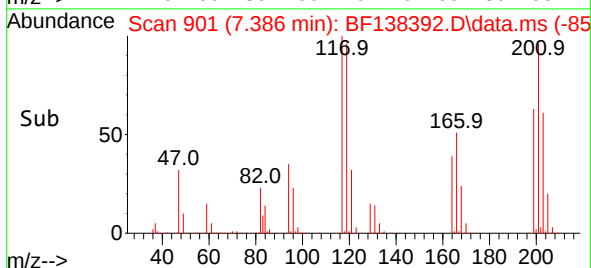
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

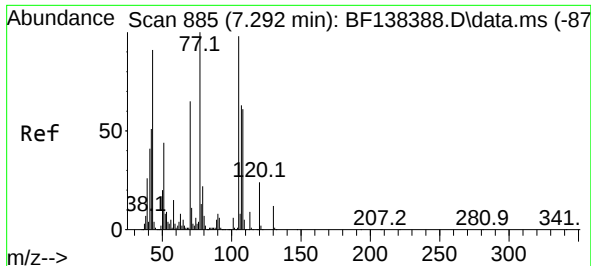


#18
Hexachloroethane
Concen: 40.303 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50



Tgt Ion:117 Resp: 193729
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7
201 95.8 75.6 113.4





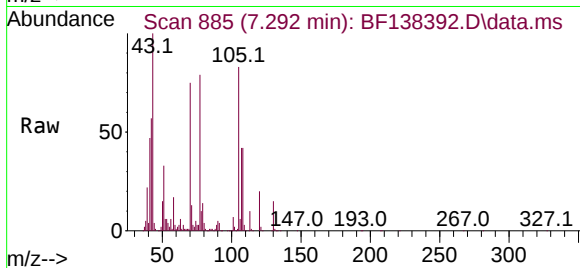
#19
n-Nitroso-di-n-propylamine
Concen: 38.872 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824



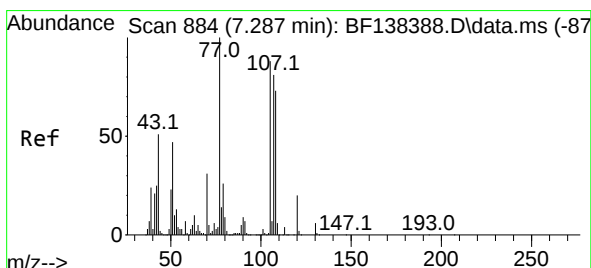
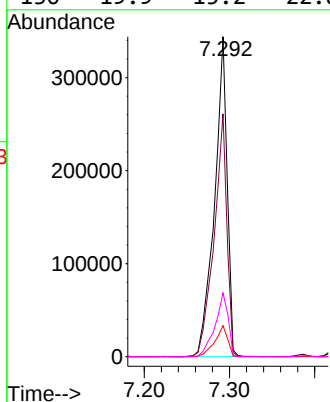
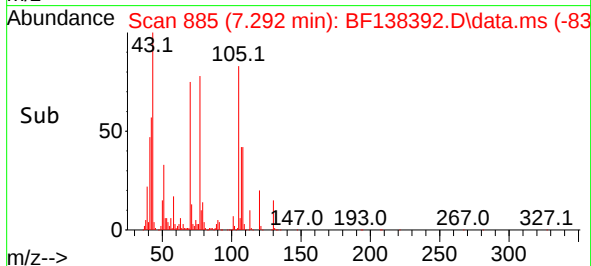
Tgt Ion: 70 Resp: 356880
Ion Ratio Lower Upper
70 100
42 75.9 62.5 93.7
101 9.7 7.0 10.4
130 19.9 15.2 22.8

Manual Integrations

APPROVED

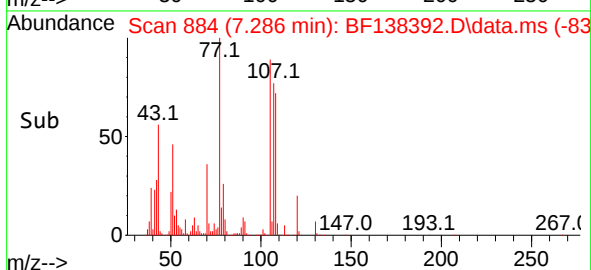
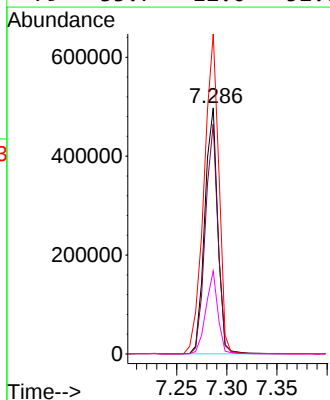
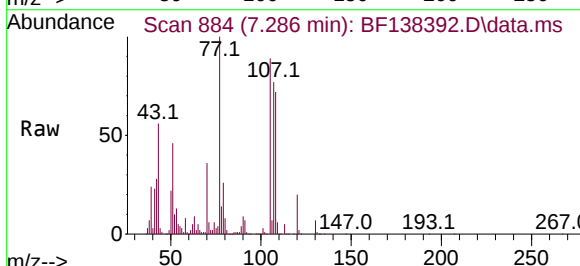
Reviewed By :Yogesh Patel 06/29/2024

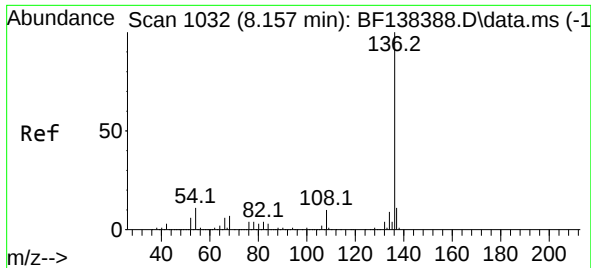
Supervised By :mohammad ahmed 06/29/2024



#20
3+4-Methylphenols
Concen: 40.426 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.001 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Tgt Ion:107 Resp: 451793
Ion Ratio Lower Upper
107 100
108 93.5 70.8 110.8
77 130.0 104.0 144.0
79 33.7 12.0 52.0





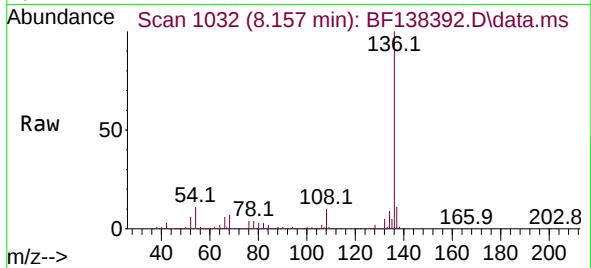
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824



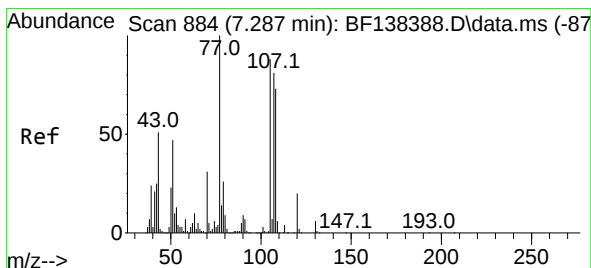
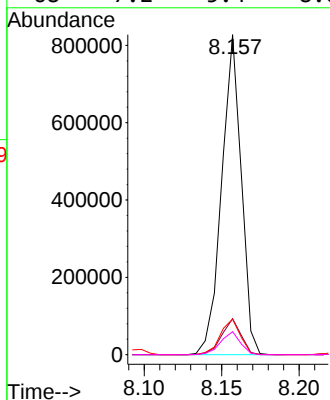
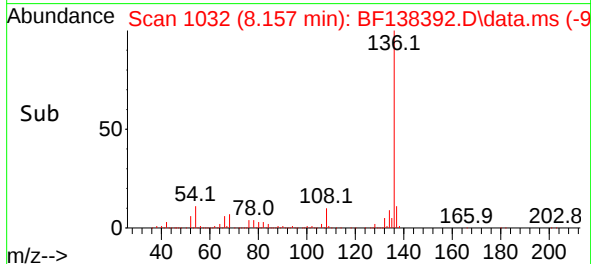
Tgt Ion:136 Resp: 728052
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 11.1 9.0 13.4
68 7.2 5.4 8.0

Manual Integrations

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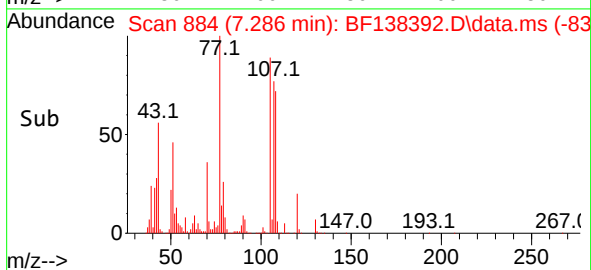
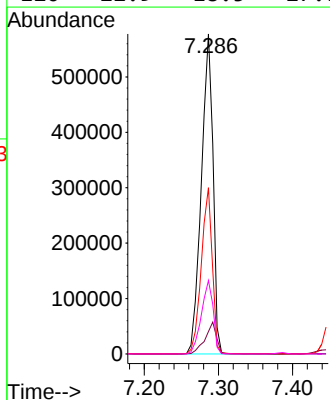
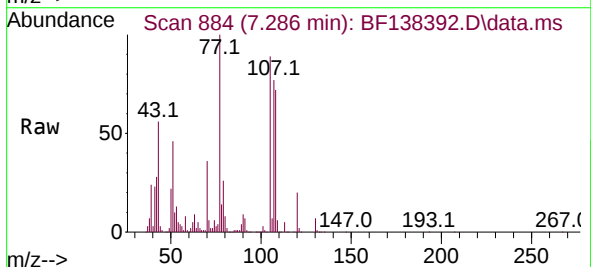
Reviewed By :Yogesh Patel 06/29/2024

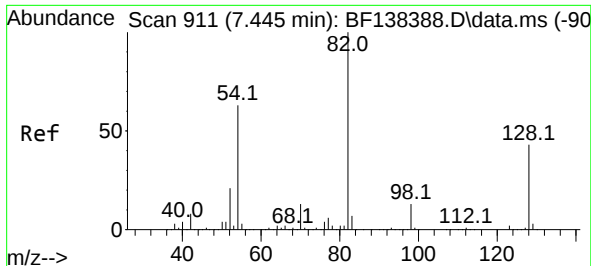
Supervised By :mohammad ahmed 06/29/2024



#22
Acetophenone
Concen: 38.260 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Tgt Ion:105 Resp: 631945
Ion Ratio Lower Upper
105 100
71 7.0 4.7 7.1
51 51.9 43.2 64.8
120 22.9 18.5 27.7





#23

Nitrobenzene-d5

Concen: 79.726 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF138392.D

Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824

Tgt Ion: 82 Resp: 111737

Ion Ratio Lower Upper

82 100

128 44.4 34.6 52.0

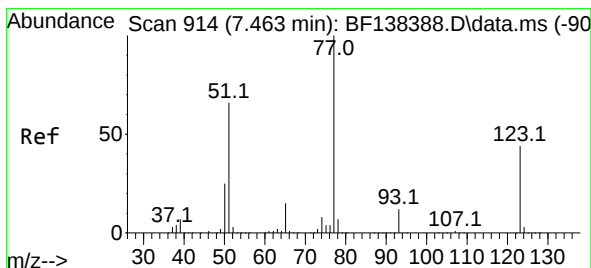
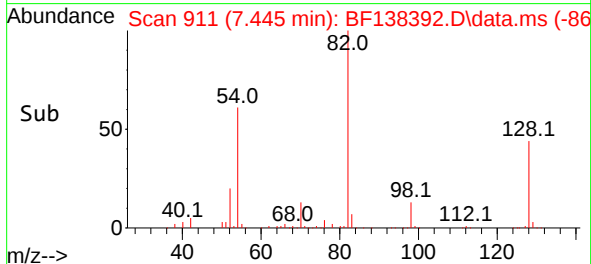
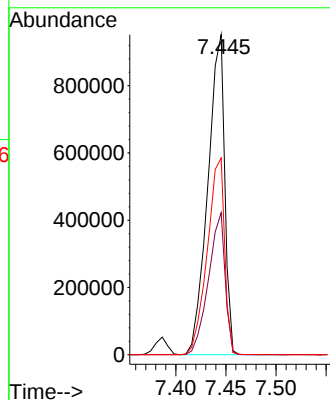
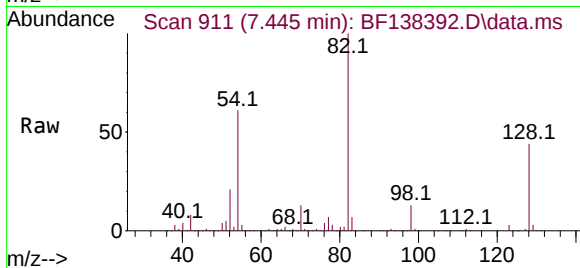
54 61.4 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#24

Nitrobenzene

Concen: 39.932 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.000 min

Lab File: BF138392.D

Acq: 28 Jun 2024 17:50

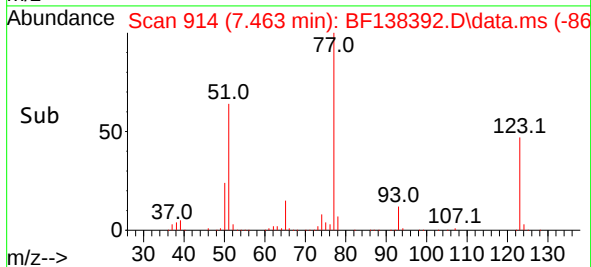
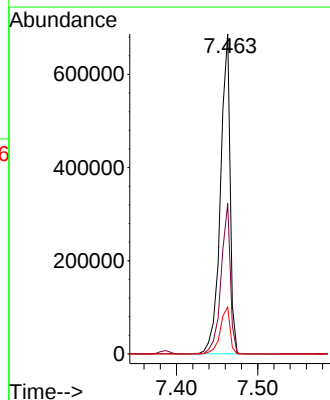
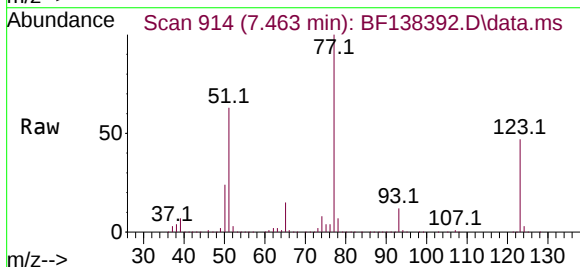
Tgt Ion: 77 Resp: 569217

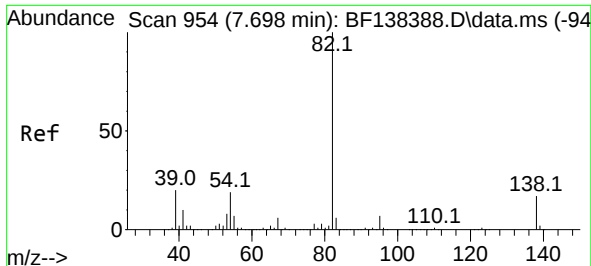
Ion Ratio Lower Upper

77 100

123 47.1 35.0 52.6

65 14.6 12.1 18.1





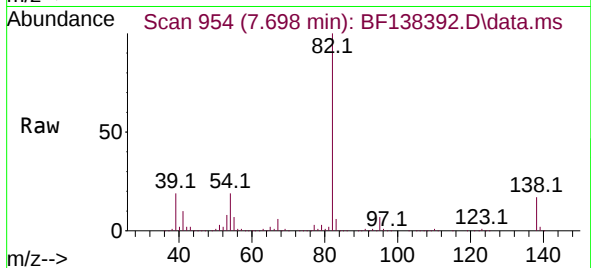
#25
Isophorone
Concen: 39.532 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824



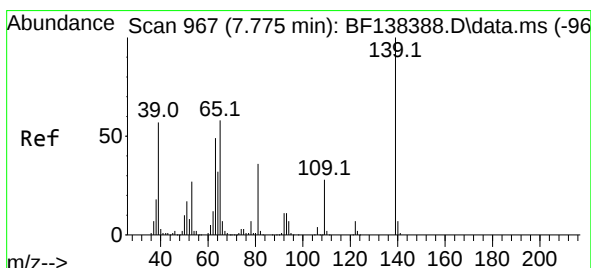
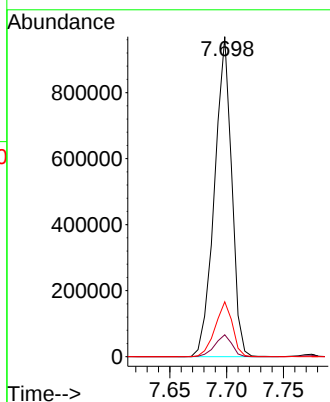
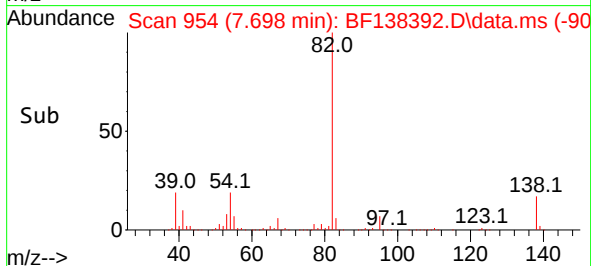
Tgt Ion: 82 Resp: 1021600
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.1 13.4 20.2

Manual Integrations

APPROVED

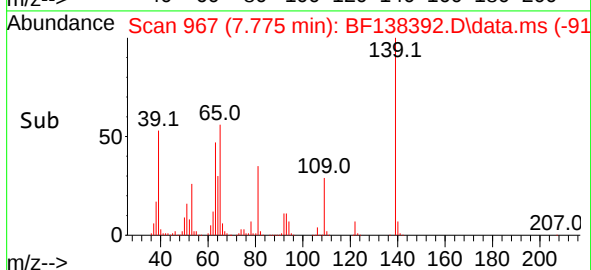
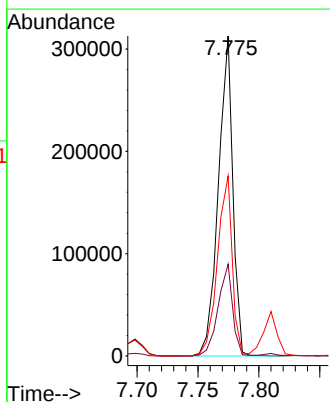
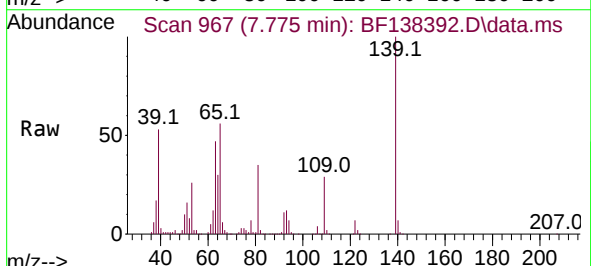
Reviewed By :Yogesh Patel 06/29/2024

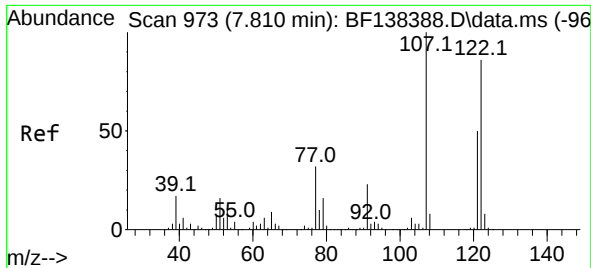
Supervised By :mohammad ahmed 06/29/2024



#26
2-Nitrophenol
Concen: 42.103 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Tgt Ion:139 Resp: 258876
Ion Ratio Lower Upper
139 100
109 28.7 22.5 33.7
65 56.3 46.2 69.2





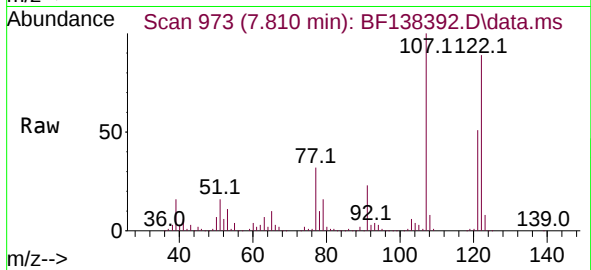
#27
2,4-Dimethylphenol
Concen: 40.093 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824



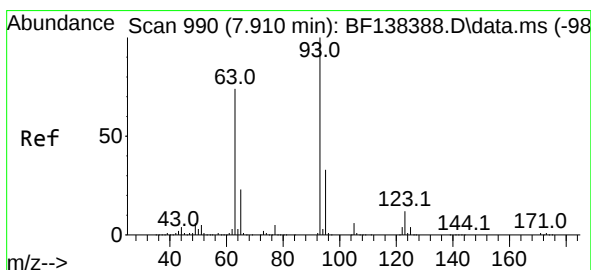
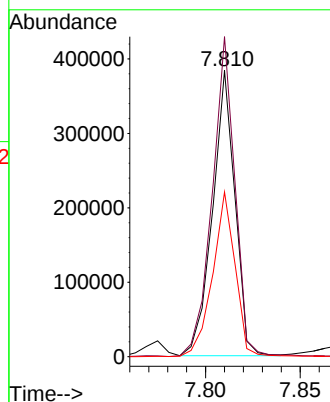
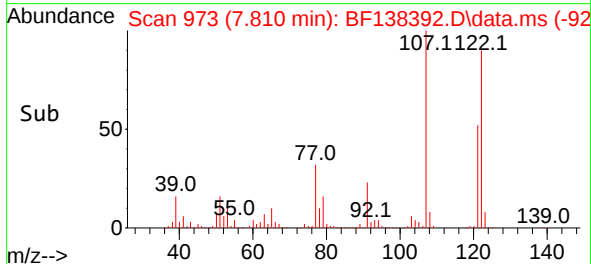
Tgt Ion:122 Resp: 315500
Ion Ratio Lower Upper
122 100
107 111.8 92.5 138.7
121 57.6 46.5 69.7

Manual Integrations

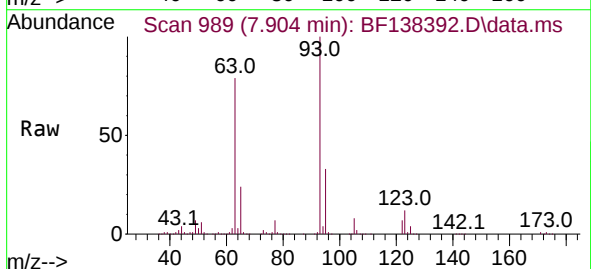
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

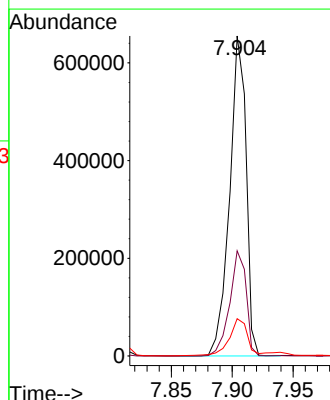
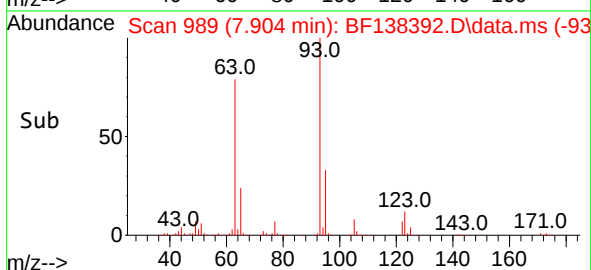
Supervised By :mohammad ahmed 06/29/2024

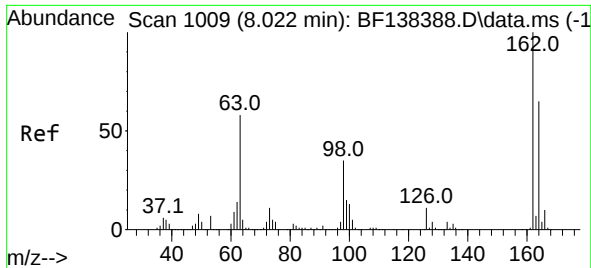


#28
bis(2-Chloroethoxy)methane
Concen: 39.794 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50



Tgt Ion: 93 Resp: 618996
Ion Ratio Lower Upper
93 100
95 32.8 26.6 40.0
123 11.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 39.838 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF138392.D

Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824

Tgt Ion:162 Resp: 402640

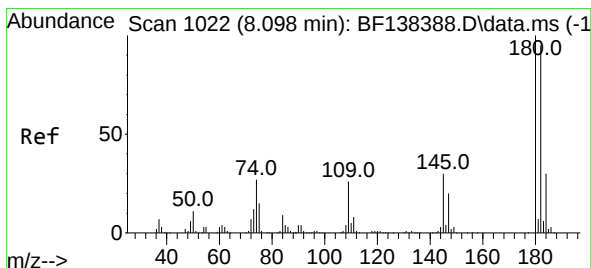
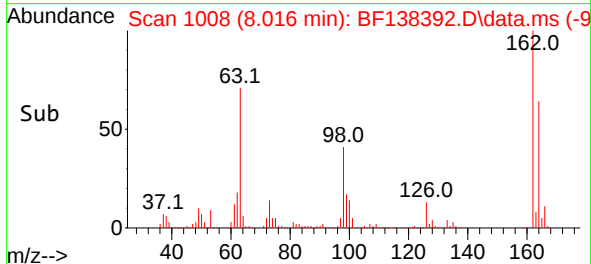
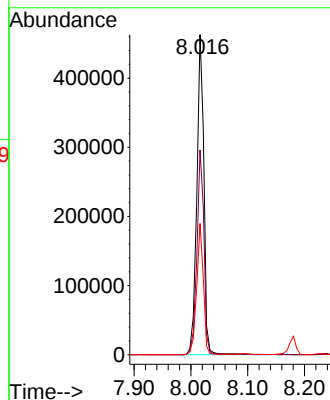
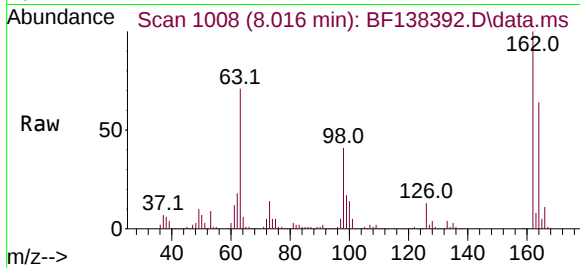
Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.4	85.4
98	41.0	15.2	55.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#30

1,2,4-Trichlorobenzene

Concen: 38.311 ng

RT: 8.098 min Scan# 1022

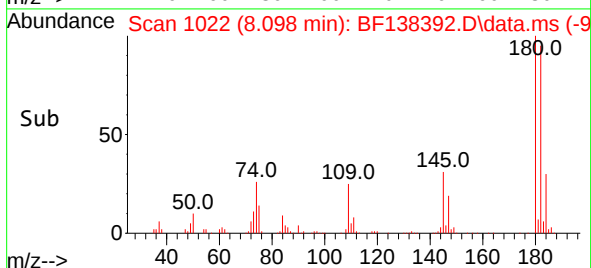
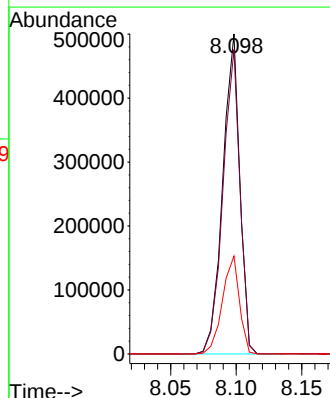
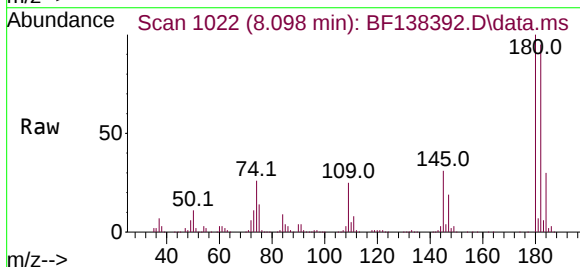
Delta R.T. 0.000 min

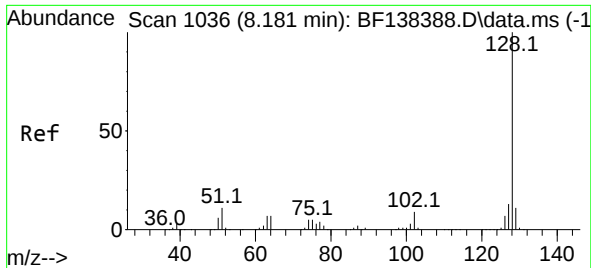
Lab File: BF138392.D

Acq: 28 Jun 2024 17:50

Tgt Ion:180 Resp: 450213

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.0	114.0
145	30.6	24.2	36.2





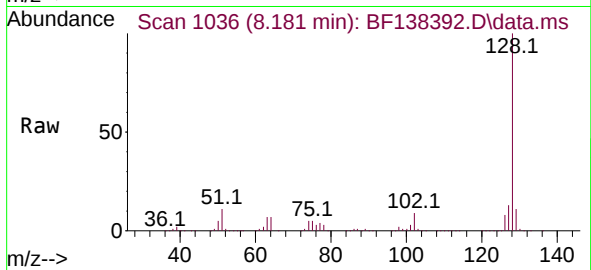
#31
Naphthalene
Concen: 38.712 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824



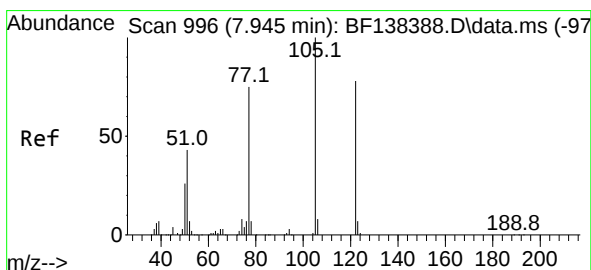
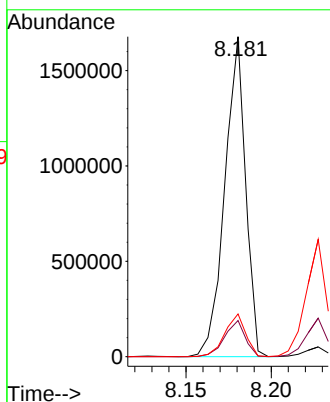
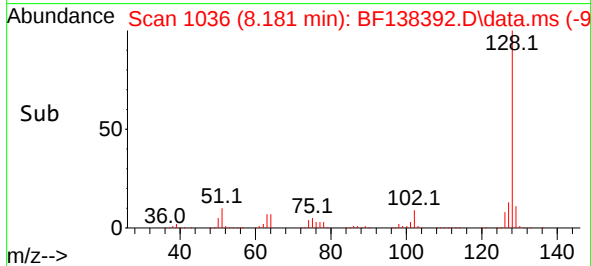
Tgt Ion:128 Resp: 142481
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.6 16.0

Manual Integrations

APPROVED

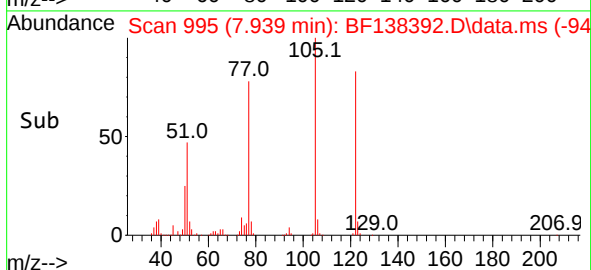
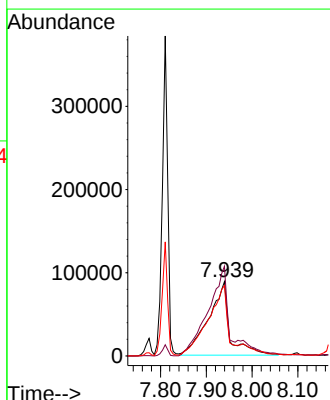
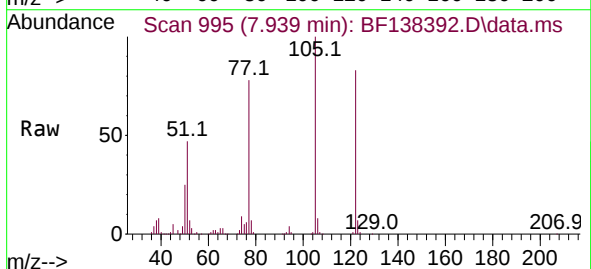
Reviewed By :Yogesh Patel 06/29/2024

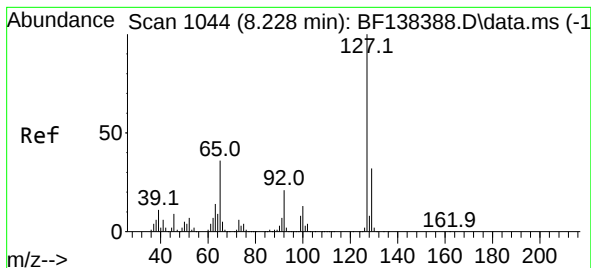
Supervised By :mohammad ahmed 06/29/2024



#32
Benzoic acid
Concen: 40.648 ng m
RT: 7.939 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Tgt Ion:122 Resp: 287431
Ion Ratio Lower Upper
122 100
105 121.0 103.8 143.8
77 94.9 74.3 114.3





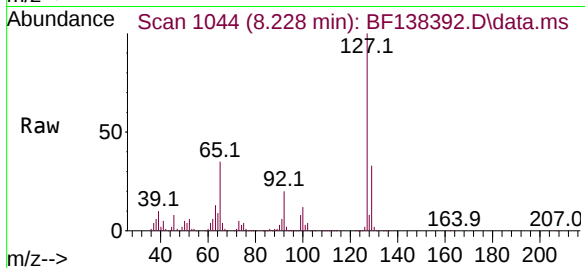
#33
4-Chloroaniline
Concen: 39.971 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824



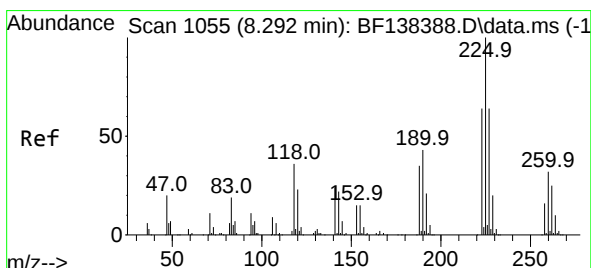
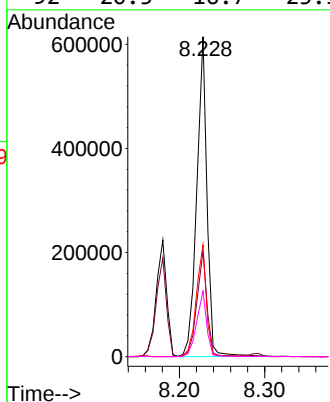
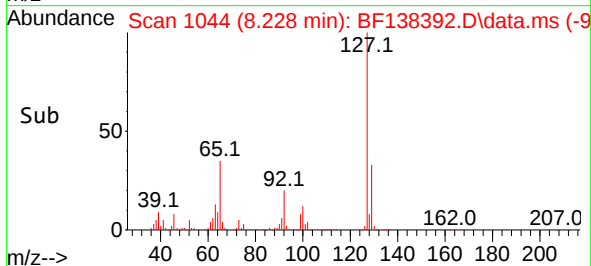
Tgt Ion:127 Resp: 513792
Ion Ratio Lower Upper
127 100
129 32.9 25.4 38.2
65 34.9 28.7 43.1
92 20.5 16.7 25.1

Manual Integrations

APPROVED

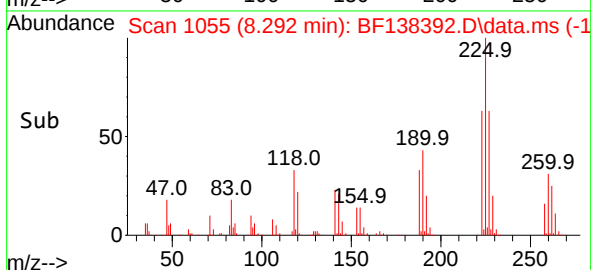
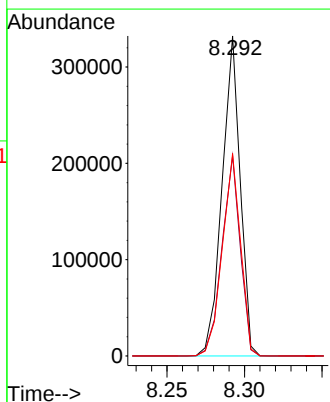
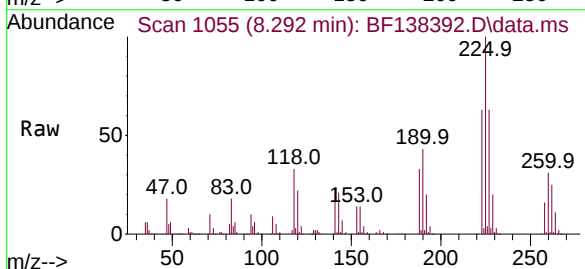
Reviewed By :Yogesh Patel 06/29/2024

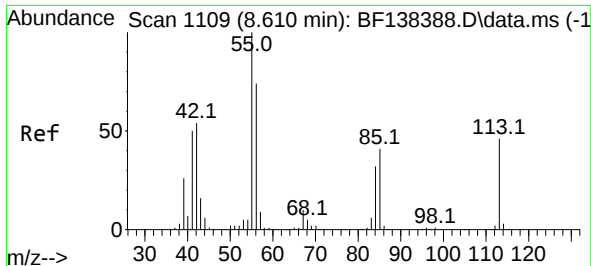
Supervised By :mohammad ahmed 06/29/2024



#34
Hexachlorobutadiene
Concen: 38.239 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

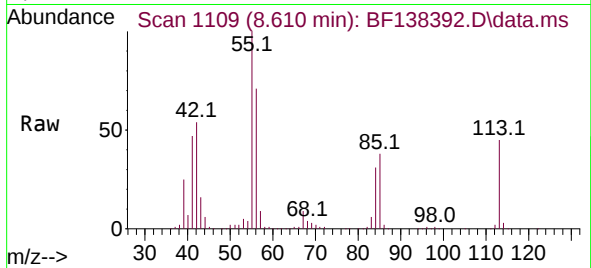
Tgt Ion:225 Resp: 269800
Ion Ratio Lower Upper
225 100
223 62.6 51.0 76.6
227 63.3 51.2 76.8





#35
Caprolactam
Concen: 41.355 ng
RT: 8.610 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

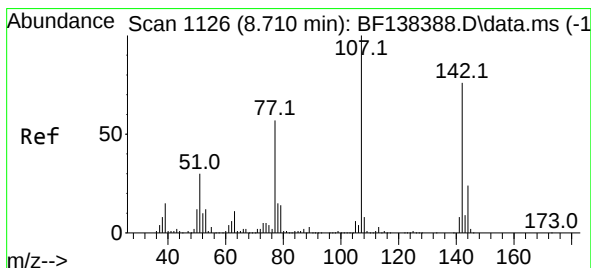
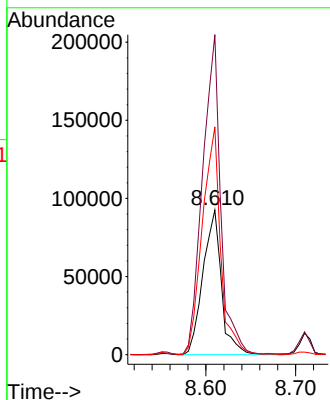
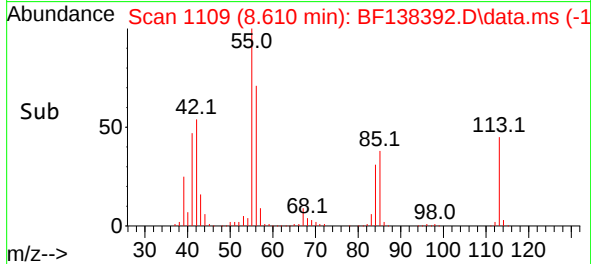
Instrument :
BNA_F
ClientSampleId :
ICVBF062824



Tgt Ion:113 Resp: 131989
Ion Ratio Lower Upper
113 100
55 221.2 195.9 235.9
56 157.5 138.7 178.7

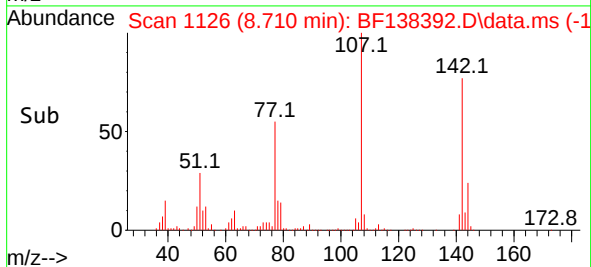
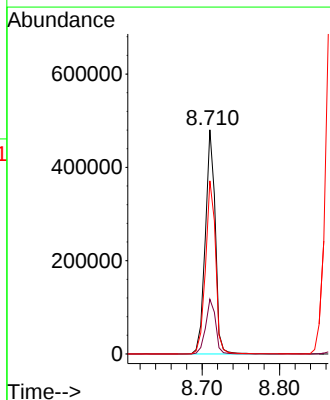
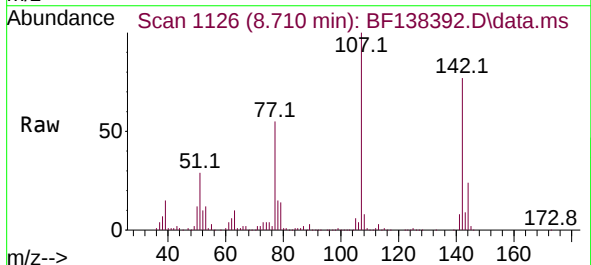
Manual Integrations
APPROVED

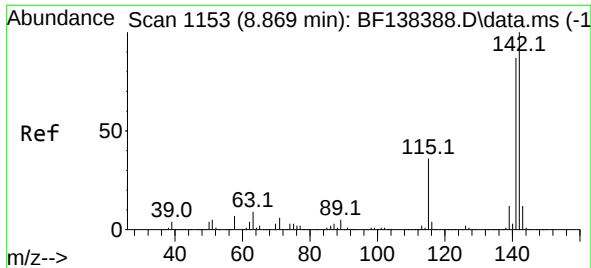
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#36
4-Chloro-3-methylphenol
Concen: 39.617 ng
RT: 8.710 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Tgt Ion:107 Resp: 426505
Ion Ratio Lower Upper
107 100
144 24.4 19.2 28.8
142 77.2 61.0 91.6





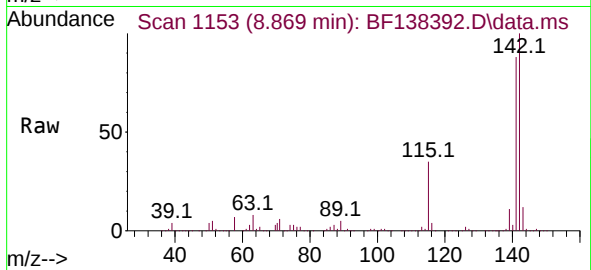
#37
2-Methylnaphthalene
Concen: 38.812 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824

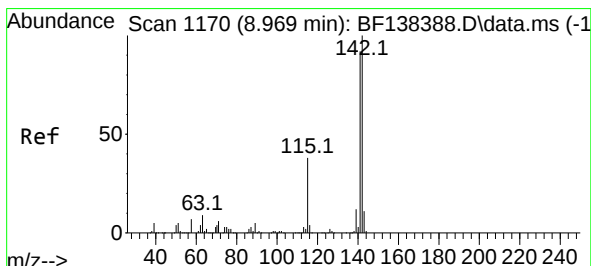
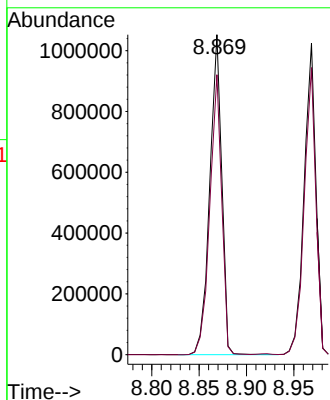
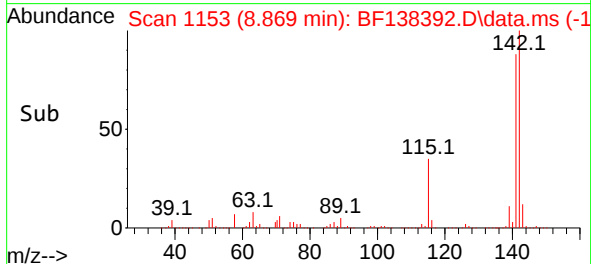


Tgt Ion:142 Resp: 923210
Ion Ratio Lower Upper
142 100
141 87.5 69.6 104.4

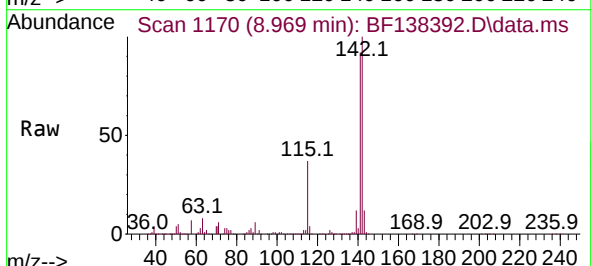
Manual Integrations

APPROVED

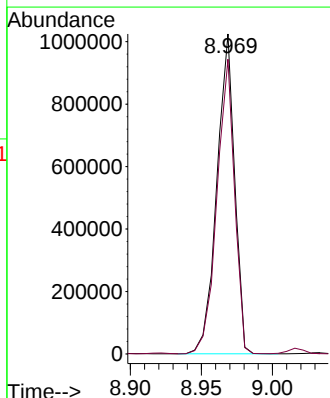
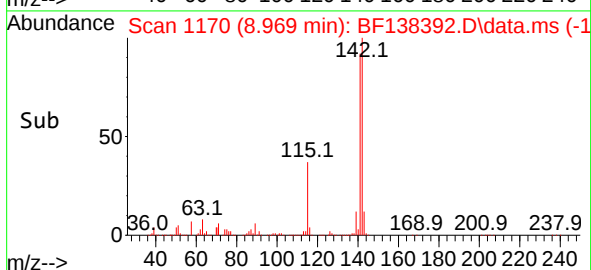
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

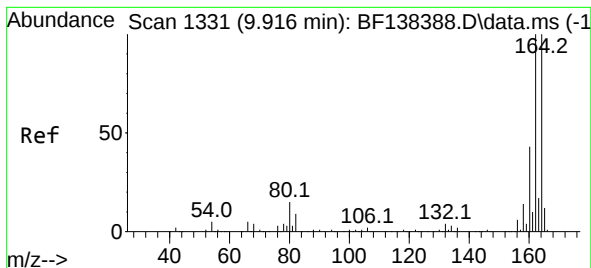


#38
1-Methylnaphthalene
Concen: 38.675 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50



Tgt Ion:142 Resp: 892195
Ion Ratio Lower Upper
142 100
141 92.1 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138392.D

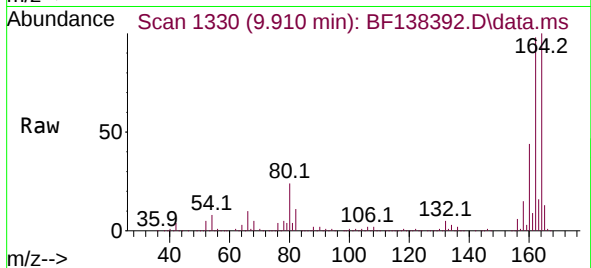
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824



Tgt Ion:164 Resp: 398604

Ion Ratio Lower Upper

164 100

162 98.4 80.1 120.1

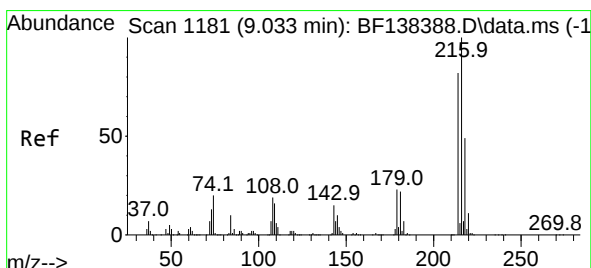
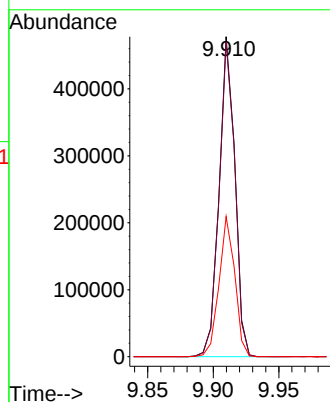
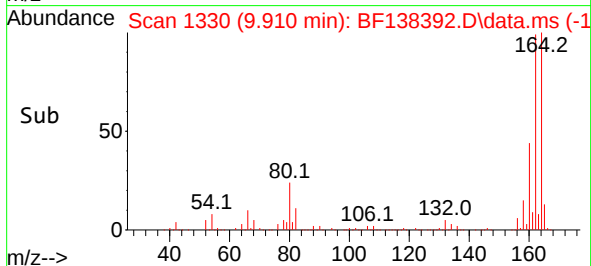
160 43.8 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.395 ng

RT: 9.033 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF138392.D

Acq: 28 Jun 2024 17:50

Tgt Ion:216 Resp: 423320

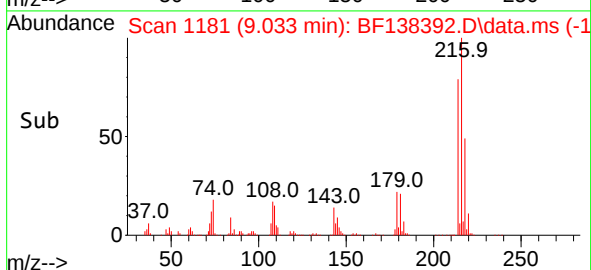
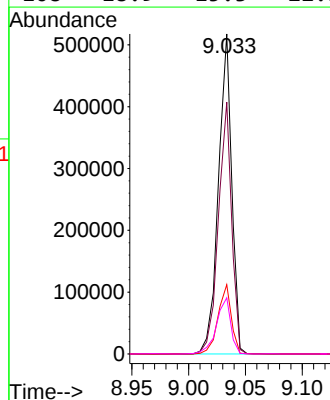
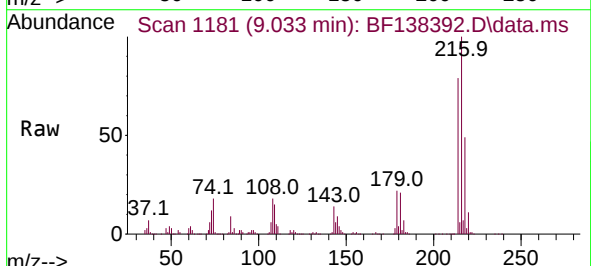
Ion Ratio Lower Upper

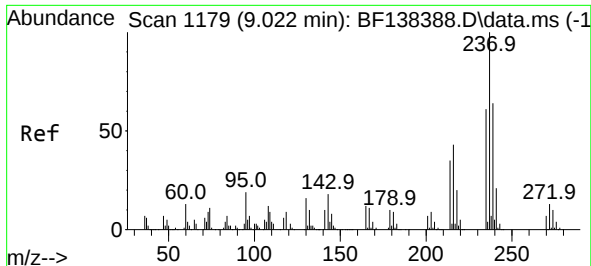
216 100

214 78.3 64.2 96.4

179 21.6 17.4 26.0

108 18.9 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 36.484 ng
RT: 9.016 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

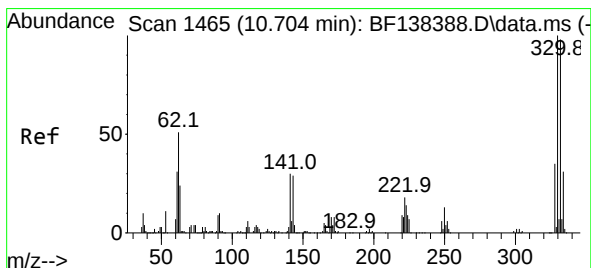
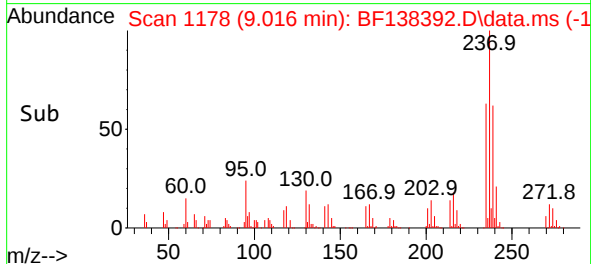
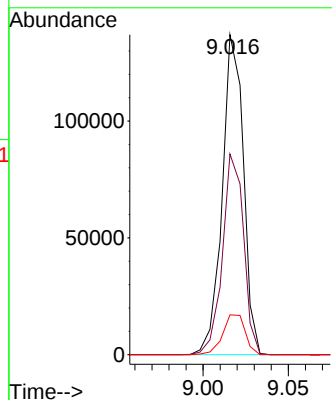
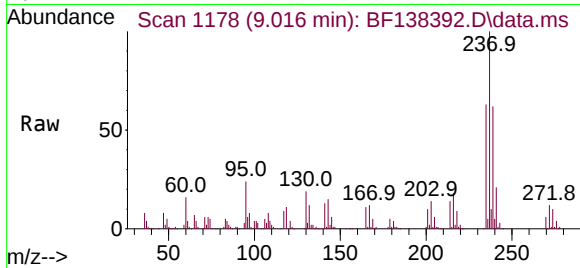
ClientSampleId :

ICVBF062824

Tgt Ion:237 Resp: 118404
Ion Ratio Lower Upper
237 100
235 62.7 41.4 81.4
272 12.4 0.0 33.1

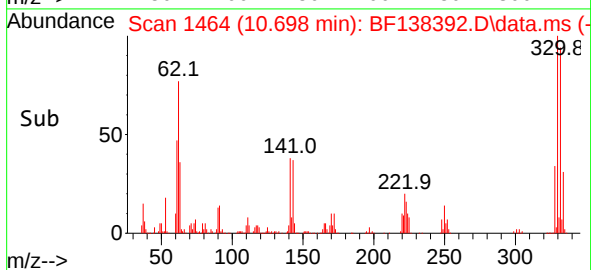
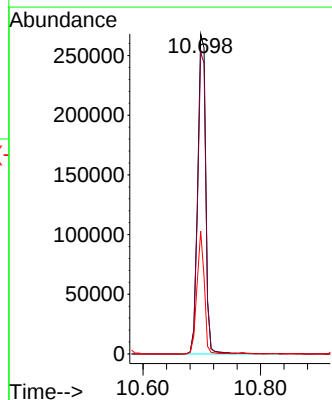
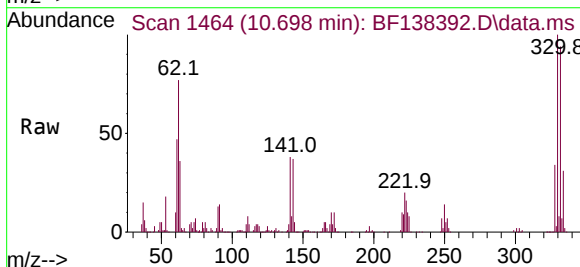
Manual Integrations
APPROVED

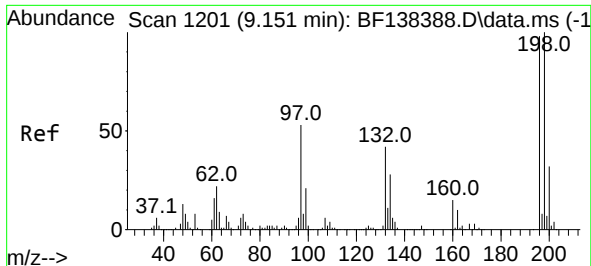
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#42
2,4,6-Tribromophenol
Concen: 78.909 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

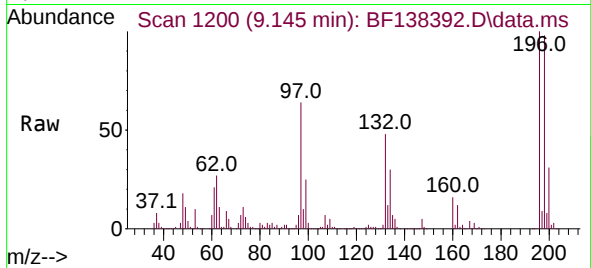
Tgt Ion:330 Resp: 256978
Ion Ratio Lower Upper
330 100
332 94.3 77.0 115.6
141 34.9 28.1 42.1





#43
2,4,6-Trichlorophenol
Concen: 39.795 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

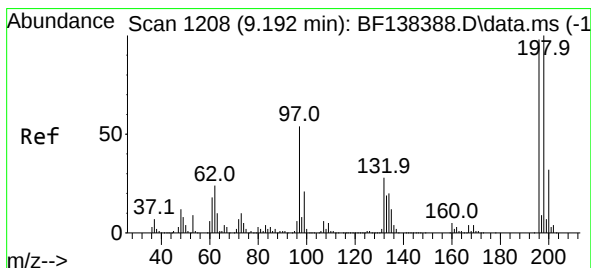
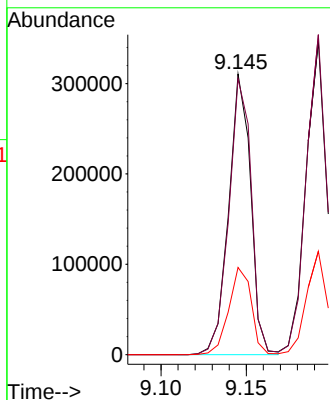
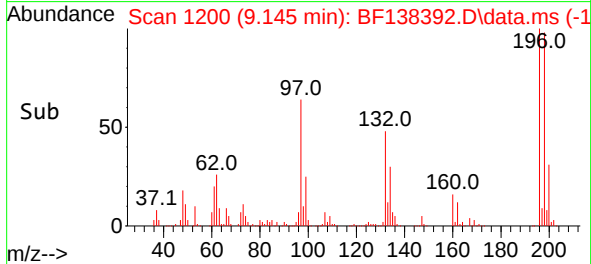
Instrument :
BNA_F
ClientSampleId :
ICVBF062824



Tgt Ion:196 Resp: 27918
Ion Ratio Lower Upper
196 100
198 98.4 81.8 122.8
200 31.1 26.2 39.4

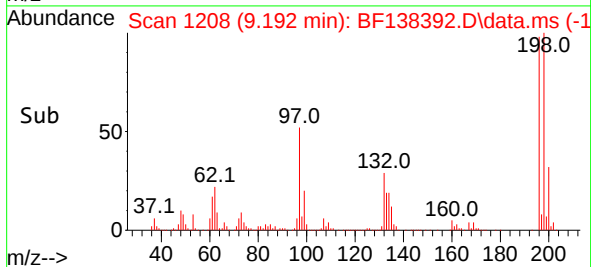
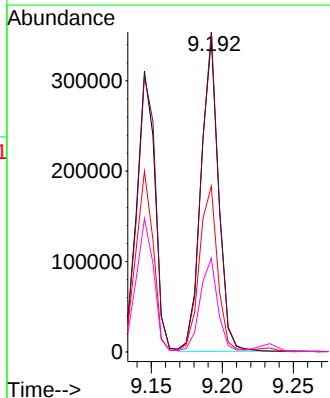
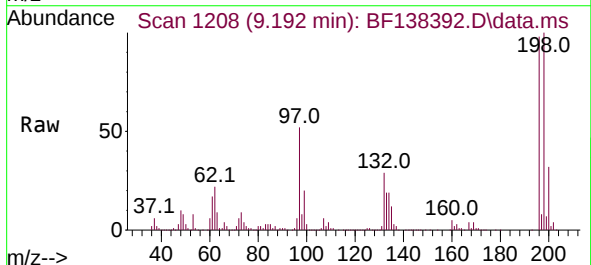
Manual Integrations
APPROVED

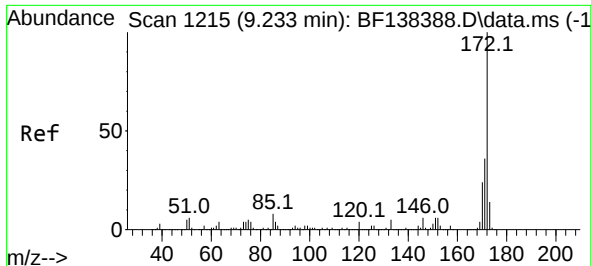
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#44
2,4,5-Trichlorophenol
Concen: 39.225 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Tgt Ion:196 Resp: 299283
Ion Ratio Lower Upper
196 100
198 102.1 81.8 122.6
97 52.8 44.2 66.4
132 29.9 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 74.173 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

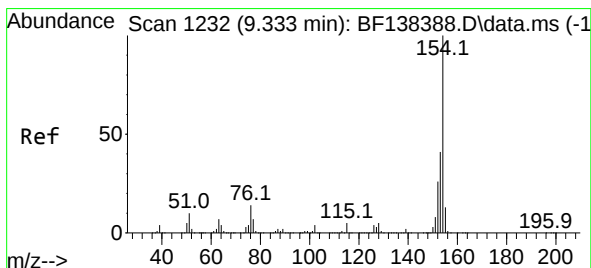
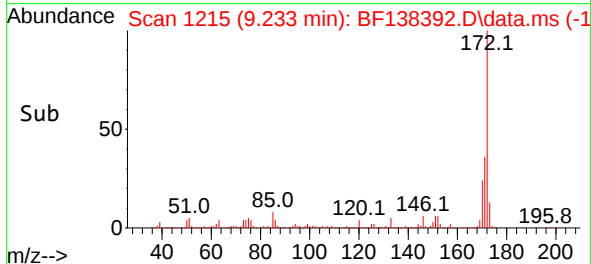
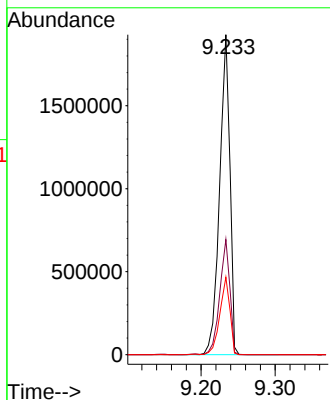
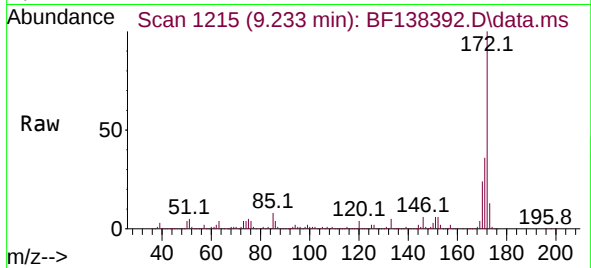
ICVBF062824

Tgt Ion:172 Resp: 1857775
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.2 19.0 28.6

Manual Integrations

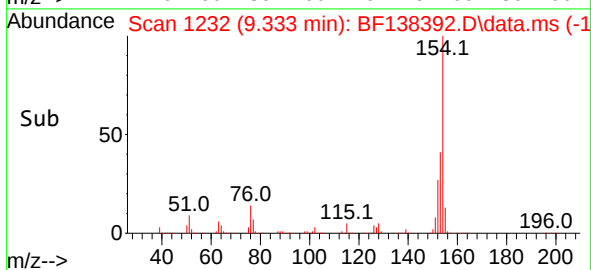
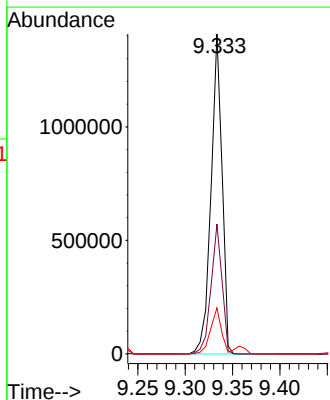
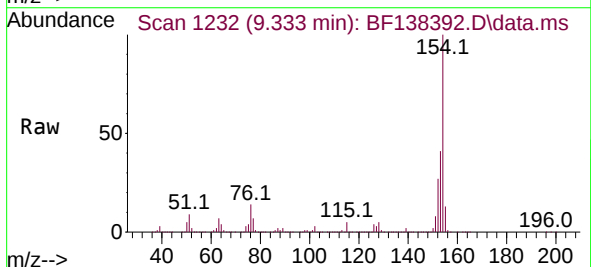
APPROVED

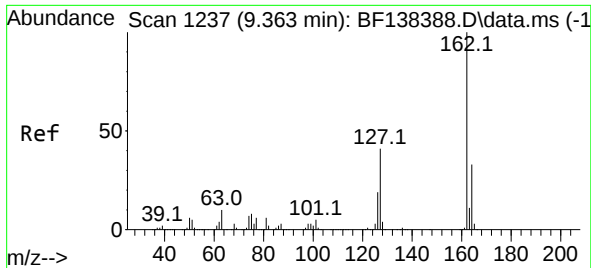
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#46
1,1'-Biphenyl
Concen: 38.120 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Tgt Ion:154 Resp: 1134536
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 14.4 0.0 34.4





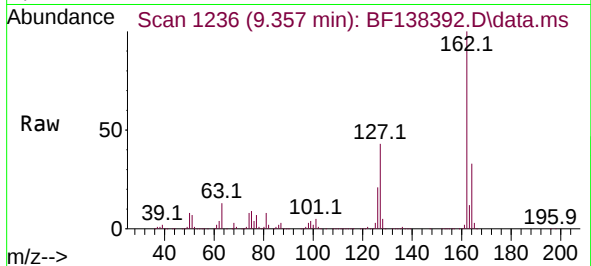
#47
2-Chloronaphthalene
Concen: 38.420 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824



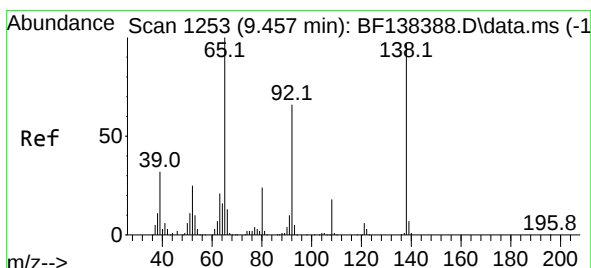
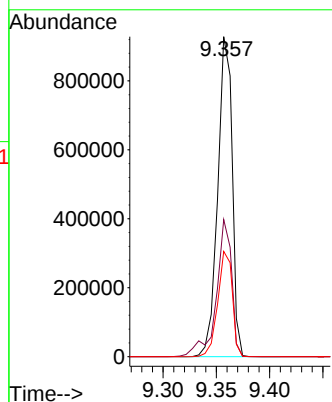
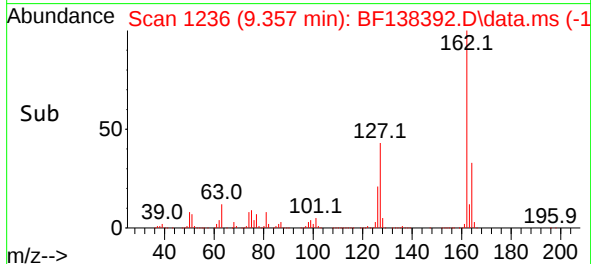
Tgt Ion:162 Resp: 871840
Ion Ratio Lower Upper
162 100
127 42.8 32.7 49.1
164 32.9 26.6 40.0

Manual Integrations

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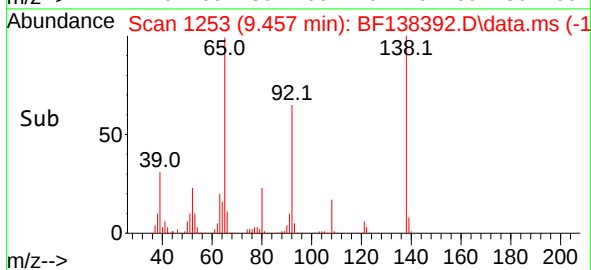
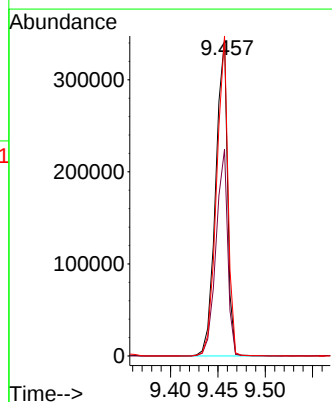
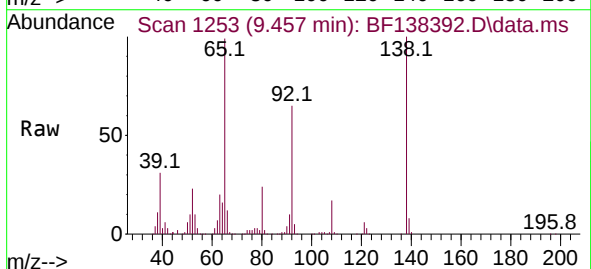
Reviewed By :Yogesh Patel 06/29/2024

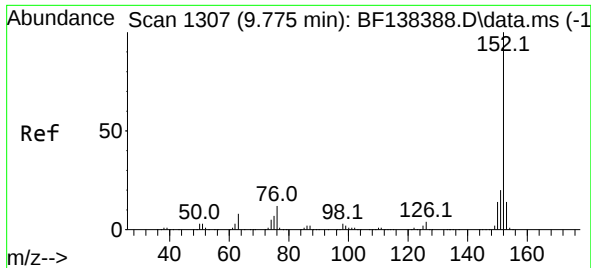
Supervised By :mohammad ahmed 06/29/2024



#48
2-Nitroaniline
Concen: 40.962 ng
RT: 9.457 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Tgt Ion: 65 Resp: 299840
Ion Ratio Lower Upper
65 100
92 65.2 52.6 79.0
138 101.0 77.4 116.0





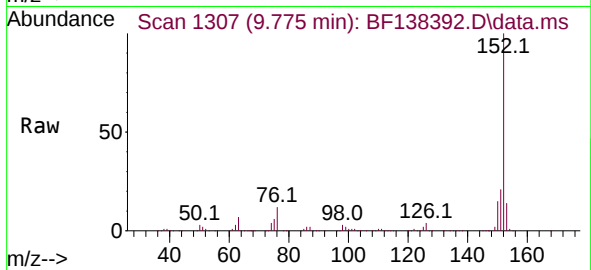
#49
Acenaphthylene
Concen: 38.805 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824



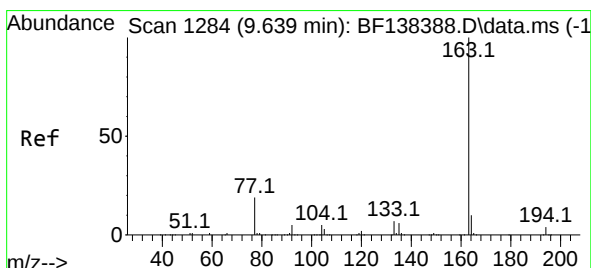
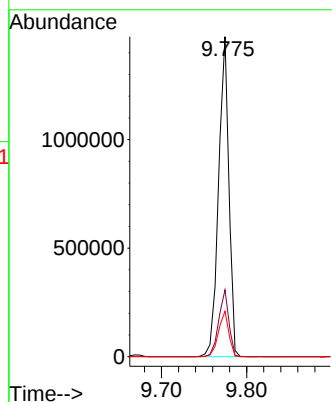
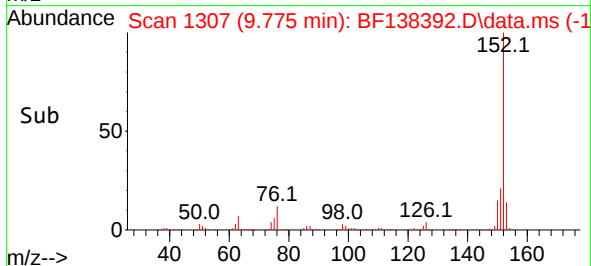
Tgt Ion:152 Resp: 1238418
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 14.2 11.4 17.2

Manual Integrations

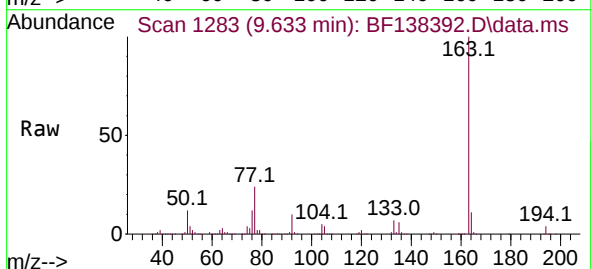
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

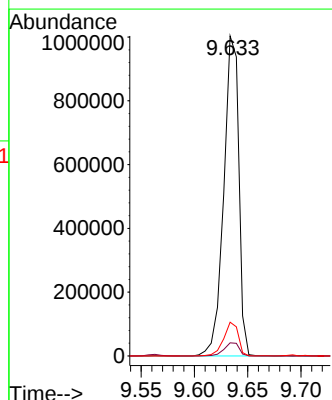
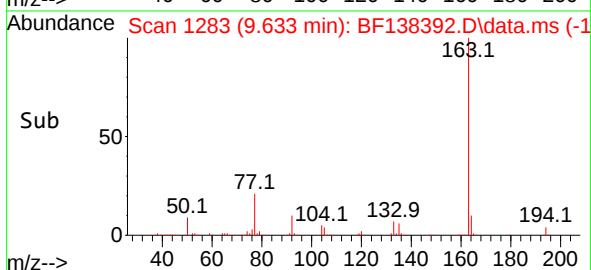
Supervised By :mohammad ahmed 06/29/2024

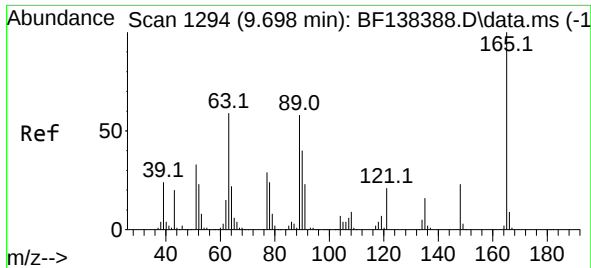


#50
Dimethylphthalate
Concen: 38.446 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50



Tgt Ion:163 Resp: 984897
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.6 8.2 12.4





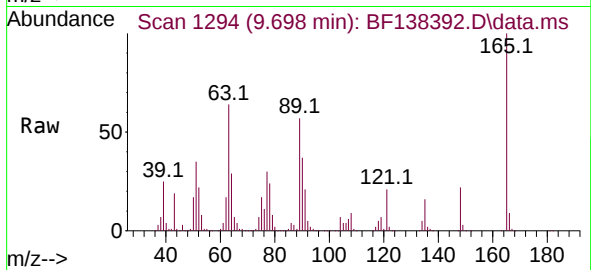
#51
2,6-Dinitrotoluene
Concen: 40.045 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

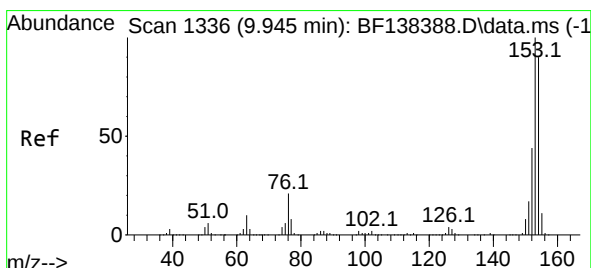
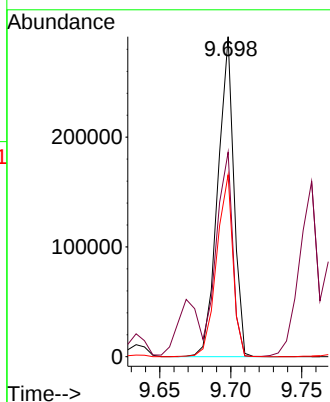
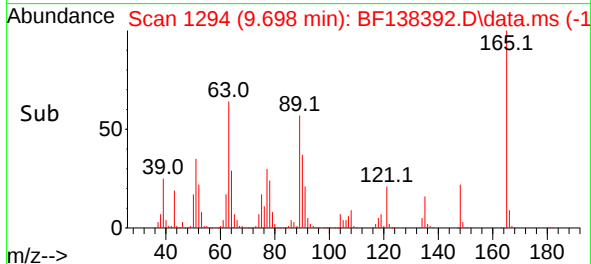
ICVBF062824



Tgt Ion:165 Resp: 22975
Ion Ratio Lower Upper
165 100
63 63.9 53.8 80.8
89 56.9 46.4 69.6

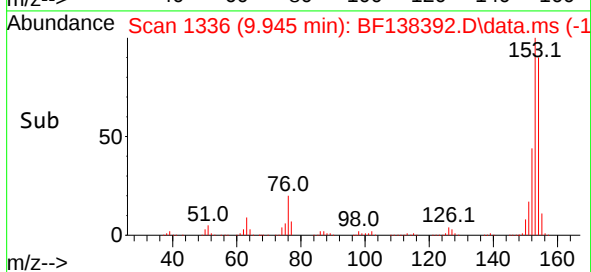
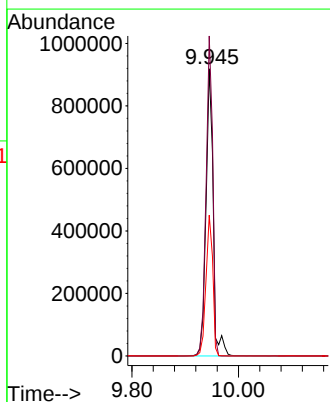
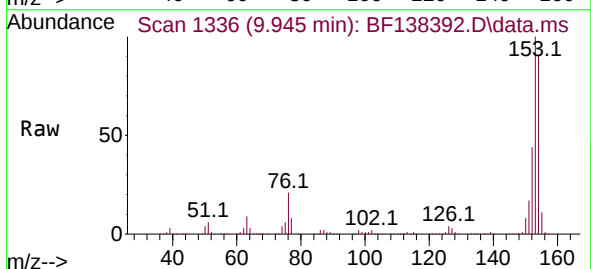
Manual Integrations
APPROVED

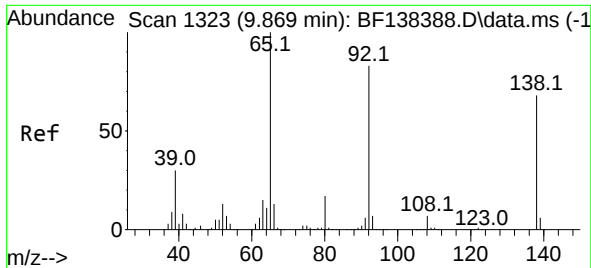
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#52
Acenaphthene
Concen: 39.231 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Tgt Ion:154 Resp: 857303
Ion Ratio Lower Upper
154 100
153 111.4 89.4 134.0
152 49.0 39.7 59.5





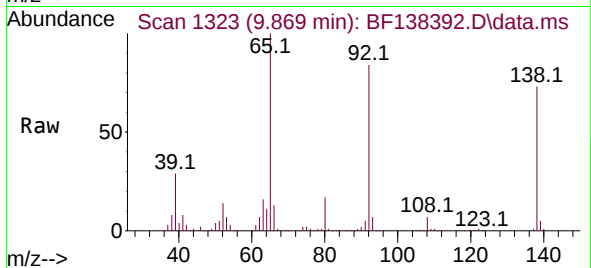
#53
3-Nitroaniline
Concen: 41.041 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824



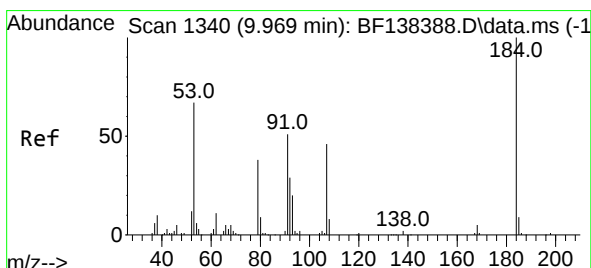
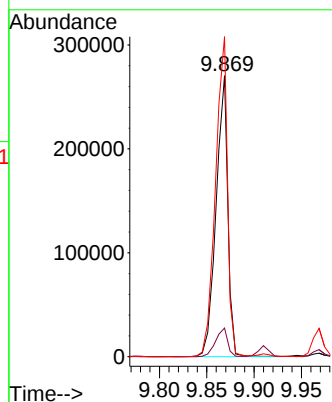
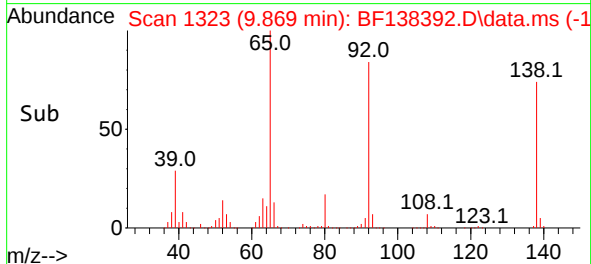
Tgt Ion:138 Resp: 232560
Ion Ratio Lower Upper
138 100
108 10.2 8.6 12.8
92 113.9 97.3 145.9

Manual Integrations

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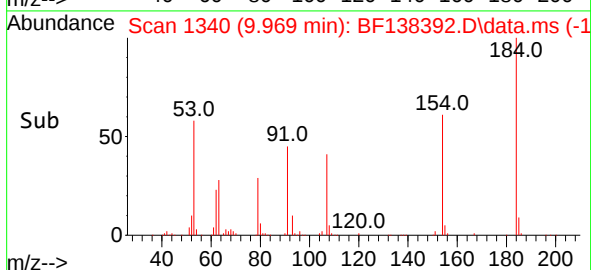
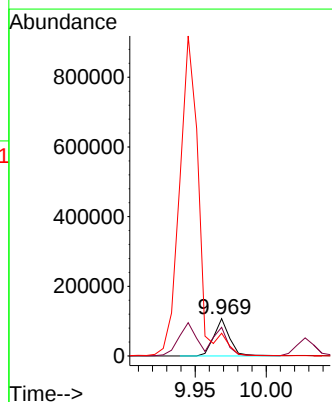
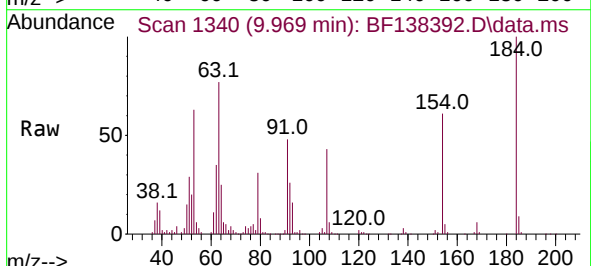
Reviewed By :Yogesh Patel 06/29/2024

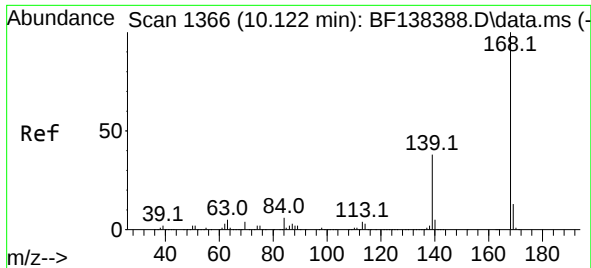
Supervised By :mohammad ahmed 06/29/2024



#54
2,4-Dinitrophenol
Concen: 39.165 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Tgt Ion:184 Resp: 82592
Ion Ratio Lower Upper
184 100
63 76.9 67.3 100.9
154 60.9 51.0 76.4





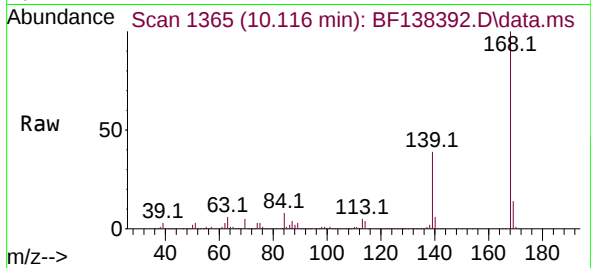
#55
Dibenzenofuran
Concen: 38.801 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824



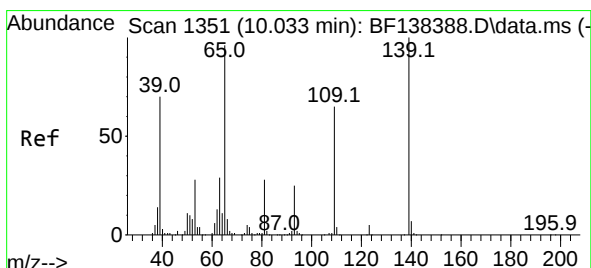
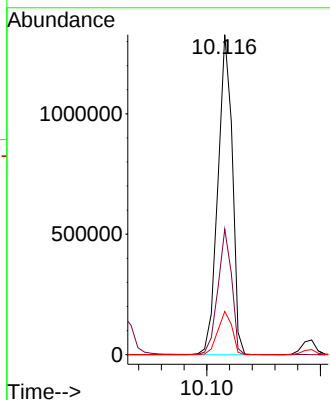
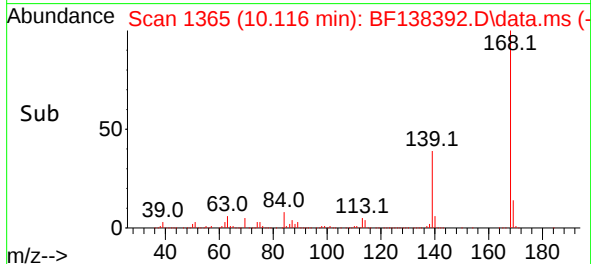
Tgt Ion:168 Resp: 116823
Ion Ratio Lower Upper
168 100
139 39.2 30.4 45.6
169 13.5 10.7 16.1

Manual Integrations

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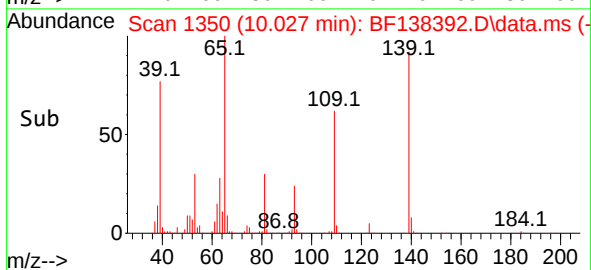
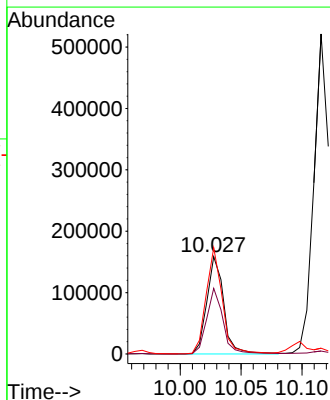
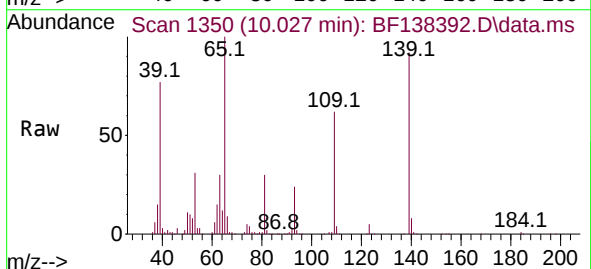
Reviewed By :Yogesh Patel 06/29/2024

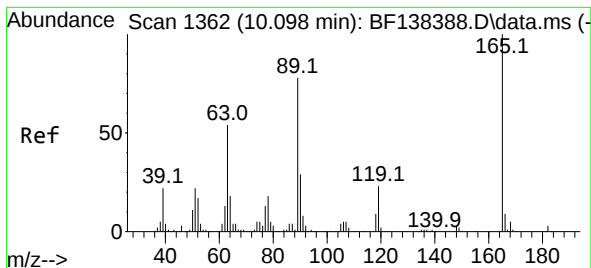
Supervised By :mohammad ahmed 06/29/2024



#56
4-Nitrophenol
Concen: 41.711 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Tgt Ion:139 Resp: 153249
Ion Ratio Lower Upper
139 100
109 67.4 44.6 84.6
65 109.2 75.9 115.9





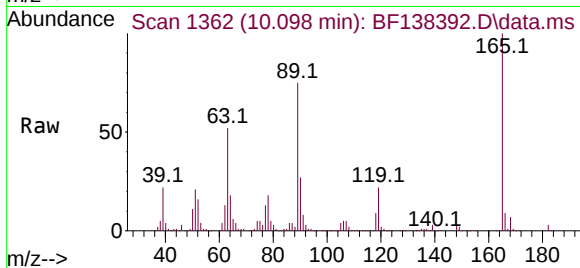
#57
2,4-Dinitrotoluene
Concen: 41.329 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824



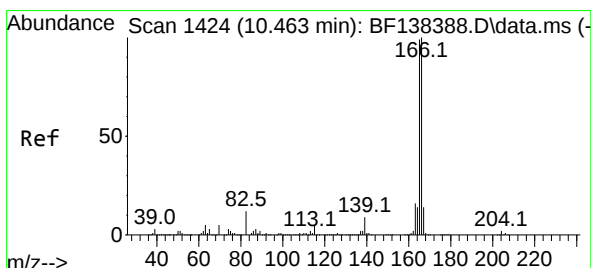
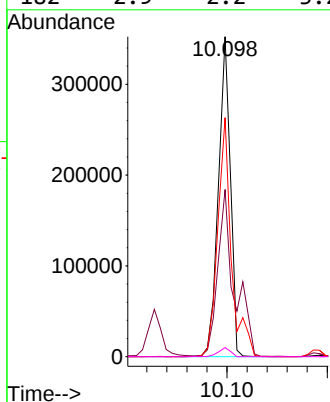
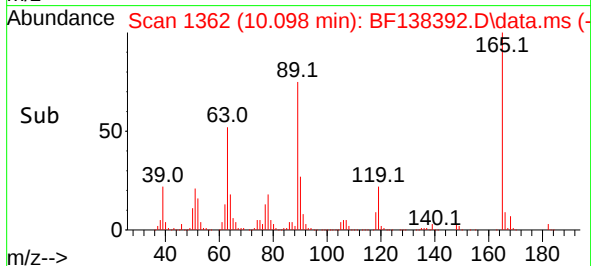
Tgt Ion:165 Resp: 29196
Ion Ratio Lower Upper
165 100
63 52.2 43.4 65.2
89 74.7 62.6 93.8
182 2.9 2.2 3.2

Manual Integrations

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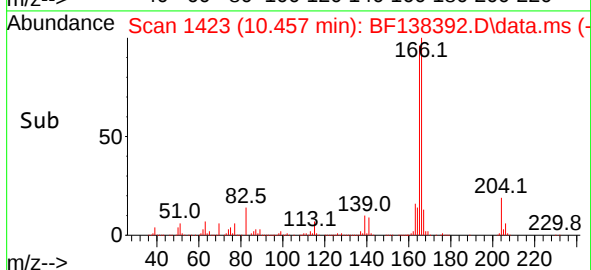
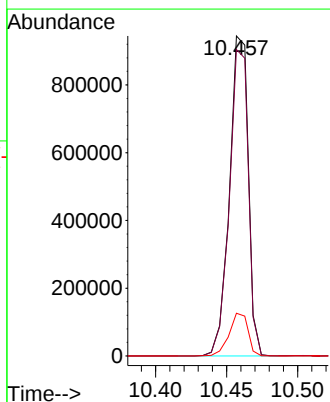
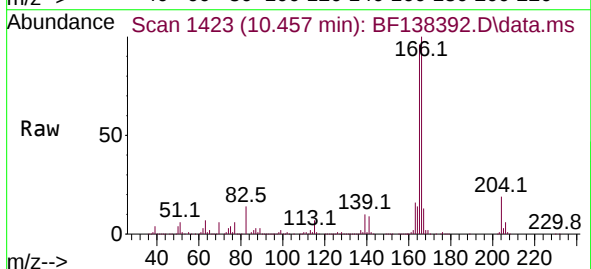
Reviewed By :Yogesh Patel 06/29/2024

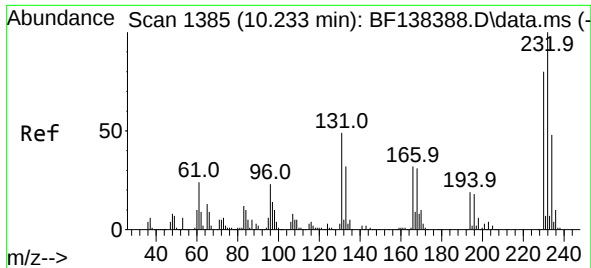
Supervised By :mohammad ahmed 06/29/2024



#58
Fluorene
Concen: 36.593 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

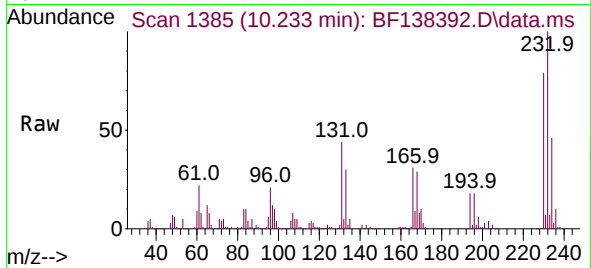
Tgt Ion:166 Resp: 875455
Ion Ratio Lower Upper
166 100
165 95.8 79.0 118.6
167 13.3 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.439 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

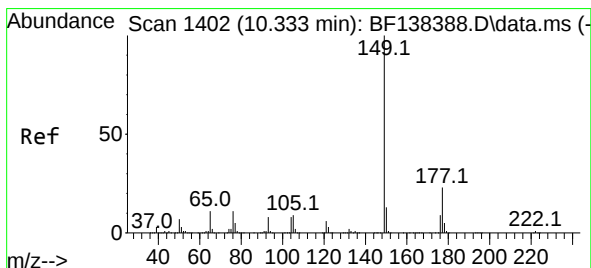
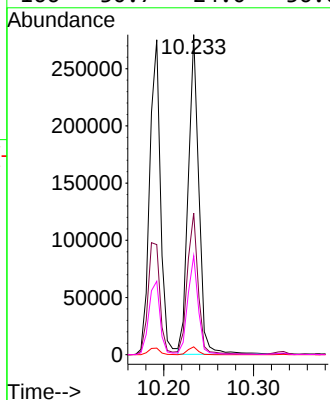
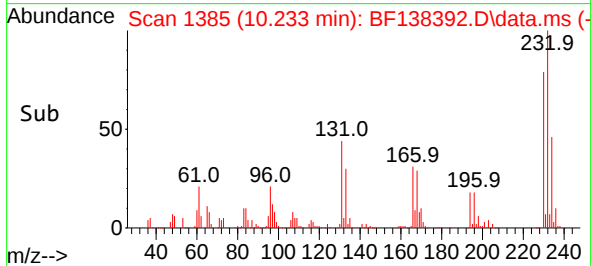
Instrument :
BNA_F
ClientSampleId :
ICVBF062824



Tgt Ion:232 Resp: 229170
Ion Ratio Lower Upper
232 100
131 45.6 36.6 55.0
130 2.3 1.8 2.8
166 30.7 24.0 36.0

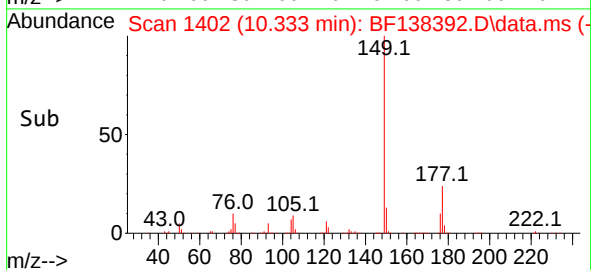
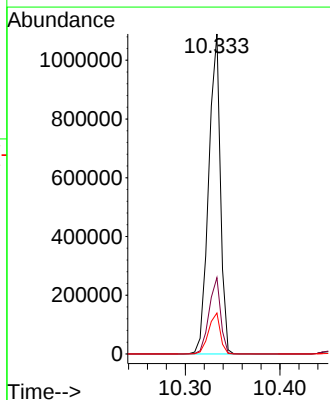
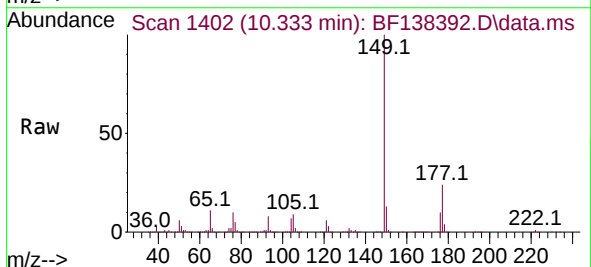
Manual Integrations
APPROVED

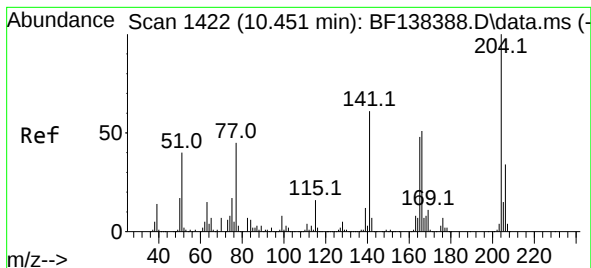
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#60
Diethylphthalate
Concen: 38.820 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

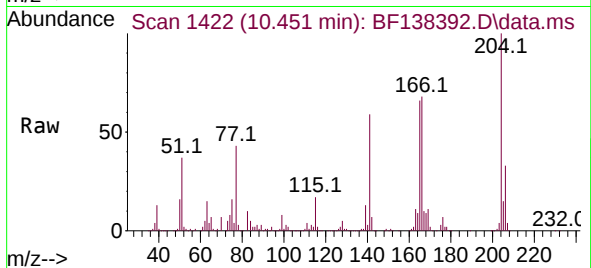
Tgt Ion:149 Resp: 929784
Ion Ratio Lower Upper
149 100
177 23.8 18.4 27.6
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 36.647 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

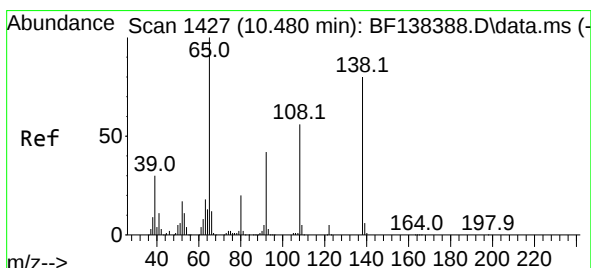
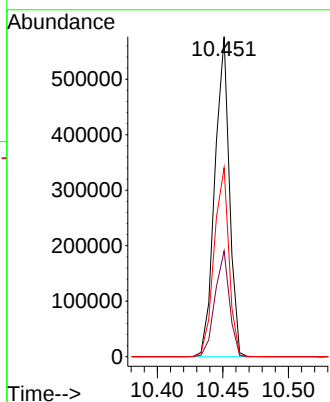
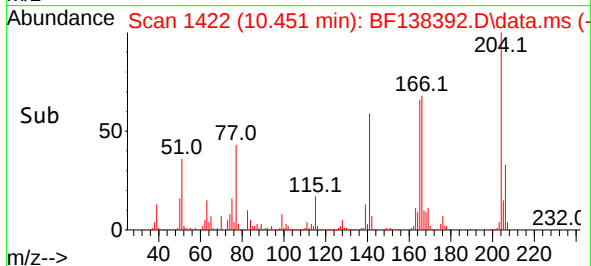
Instrument :
BNA_F
ClientSampleId :
ICVBF062824



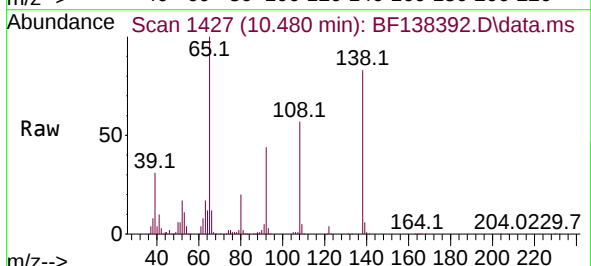
Tgt Ion:204 Resp: 444844
Ion Ratio Lower Upper
204 100
206 33.0 27.1 40.7
141 59.1 48.4 72.6

Manual Integrations
APPROVED

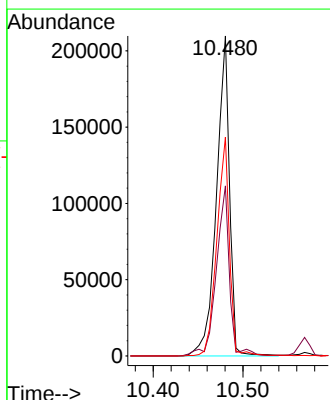
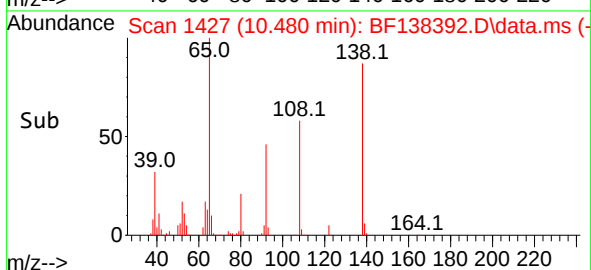
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

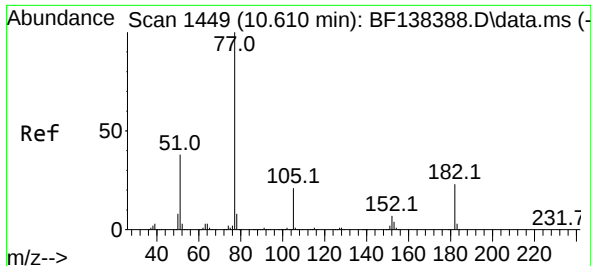


#62
4-Nitroaniline
Concen: 40.856 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50



Tgt Ion:138 Resp: 212497
Ion Ratio Lower Upper
138 100
92 53.2 32.6 72.6
108 68.4 50.3 90.3





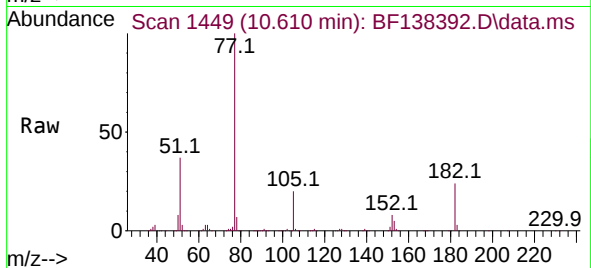
#63
Azobenzene
Concen: 39.309 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824



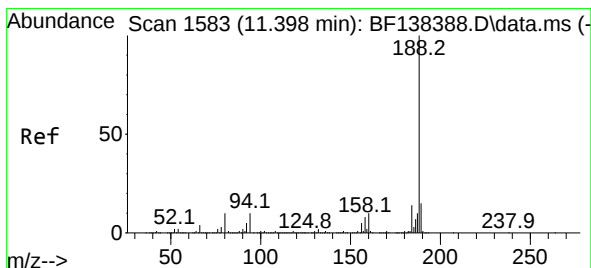
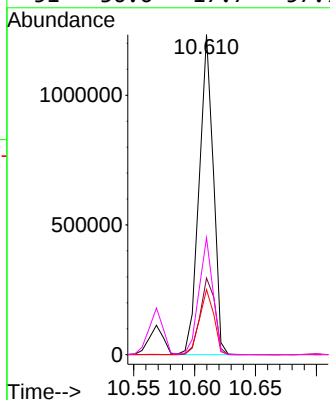
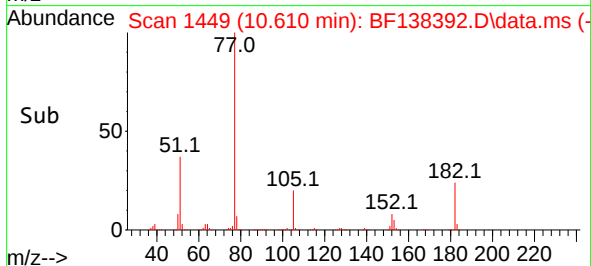
Tgt Ion: 77 Resp: 994311
Ion Ratio Lower Upper
77 100
182 24.0 2.7 42.7
105 20.4 0.6 40.6
51 36.6 17.7 57.7

Manual Integrations

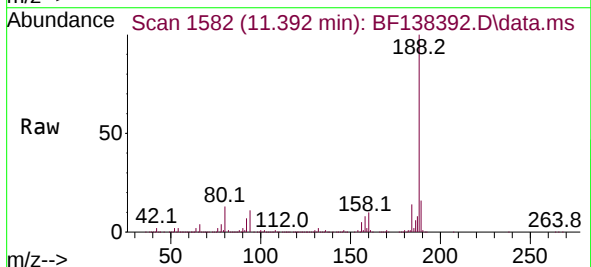
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

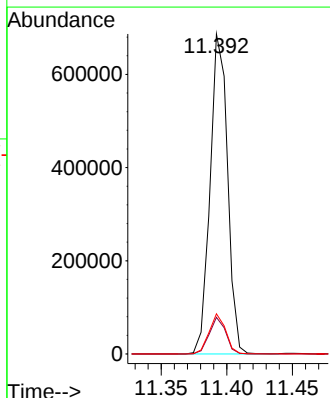
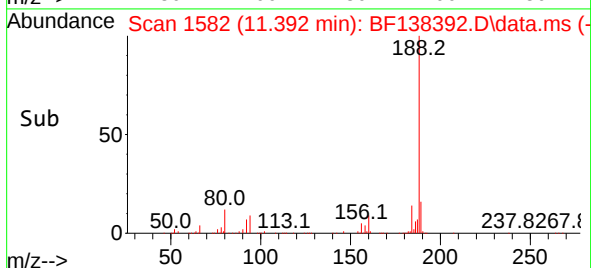
Supervised By :mohammad ahmed 06/29/2024

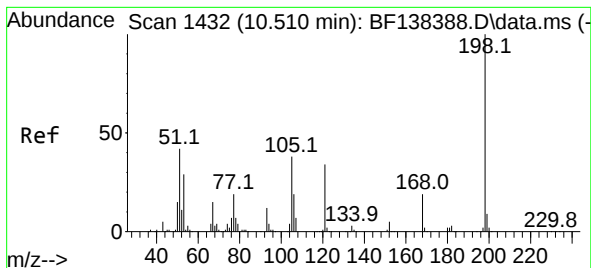


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50



Tgt Ion:188 Resp: 636961
Ion Ratio Lower Upper
188 100
94 11.4 8.0 12.0
80 12.6 8.2 12.4#





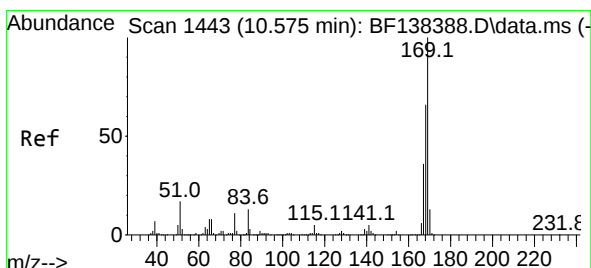
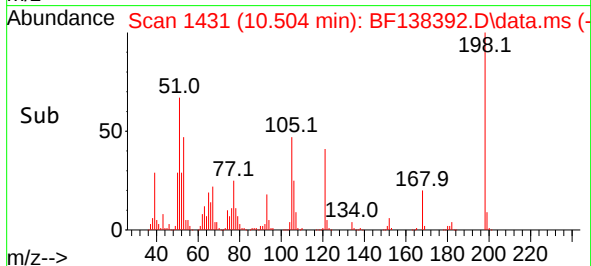
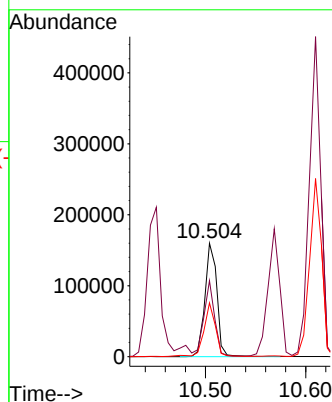
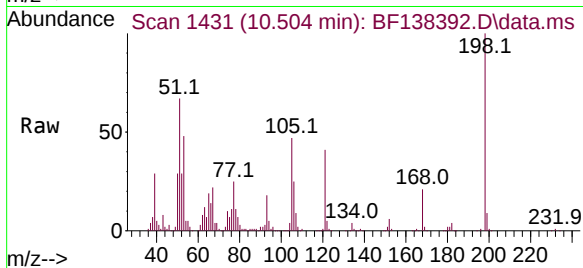
#65
4,6-Dinitro-2-methylphenol
Concen: 40.294 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :
BNA_F
ClientSampleId :
ICVBF062824

Tgt Ion:198 Resp: 13381
Ion Ratio Lower Upper
198 100
51 67.0 27.9 67.9
105 47.4 18.2 58.2

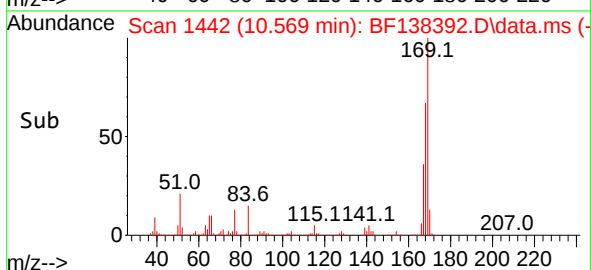
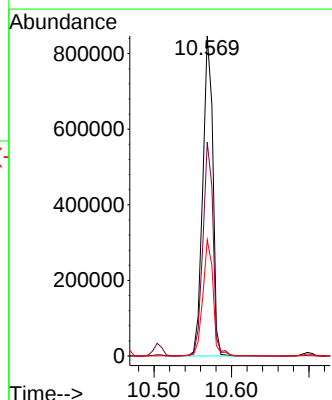
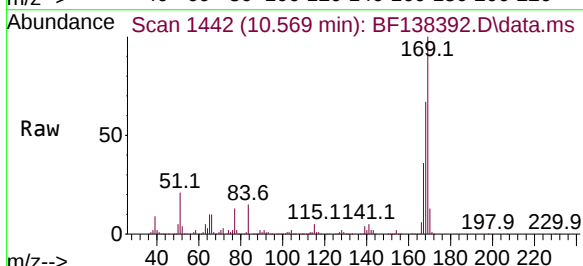
Manual Integrations
APPROVED

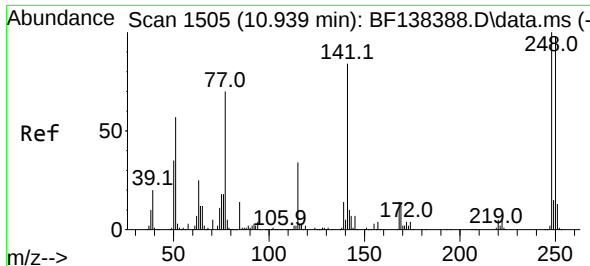
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#66
n-Nitrosodiphenylamine
Concen: 38.539 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

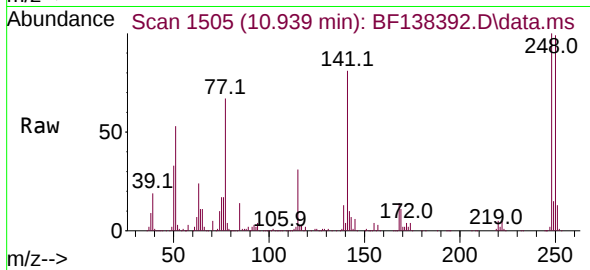
Tgt Ion:169 Resp: 762078
Ion Ratio Lower Upper
169 100
168 66.8 52.5 78.7
167 36.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 38.919 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

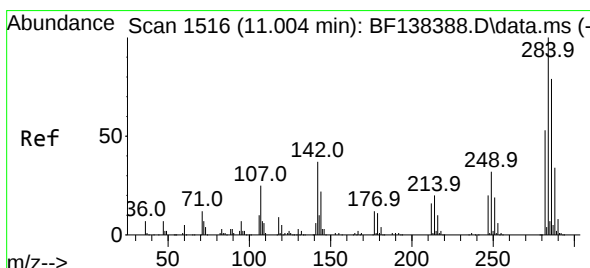
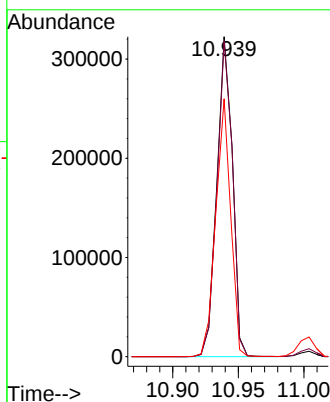
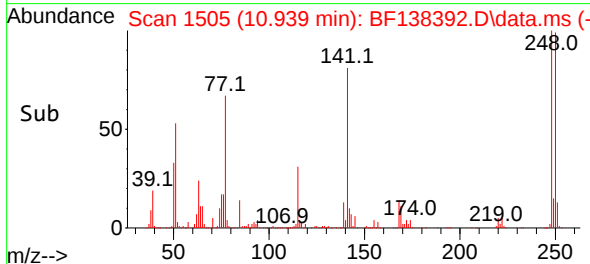
Instrument :
BNA_F
ClientSampleId :
ICVBF062824



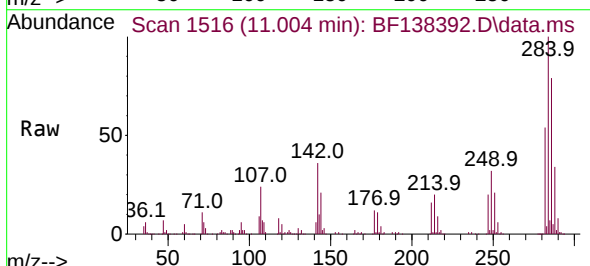
Tgt Ion:248 Resp: 266460
Ion Ratio Lower Upper
248 100
250 98.6 78.2 117.4
141 80.6 67.6 101.4

Manual Integrations
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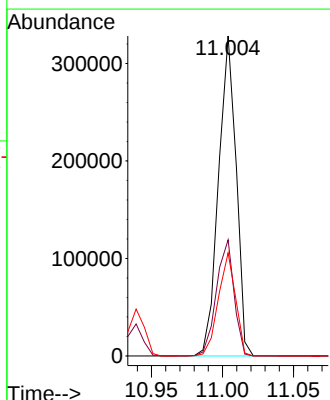
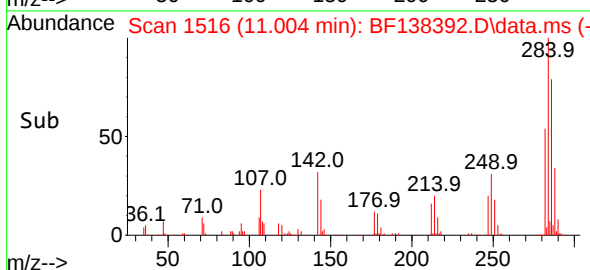
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

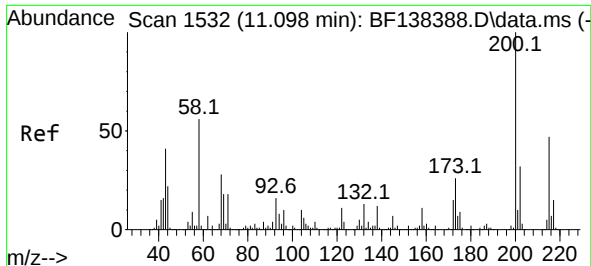


#68
Hexachlorobenzene
Concen: 37.474 ng
RT: 11.004 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50



Tgt Ion:284 Resp: 282790
Ion Ratio Lower Upper
284 100
142 36.3 29.2 43.8
249 32.3 25.8 38.6





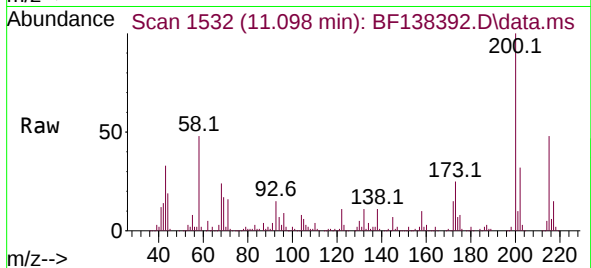
#69
 Atrazine
 Concen: 41.320 ng
 RT: 11.098 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: BF138392.D
 Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824



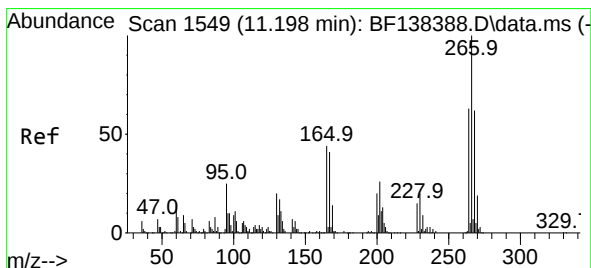
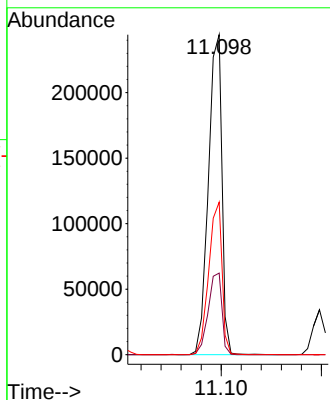
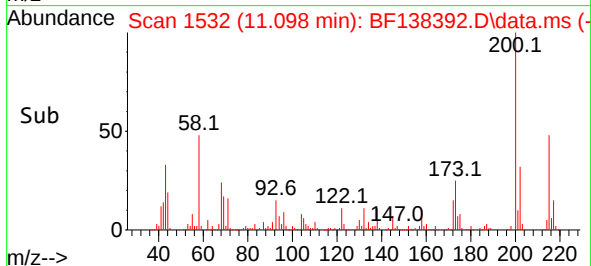
Tgt Ion:200 Resp: 22909
 Ion Ratio Lower Upper
 200 100
 173 25.5 6.2 46.2
 215 47.7 27.4 67.4

Manual Integrations

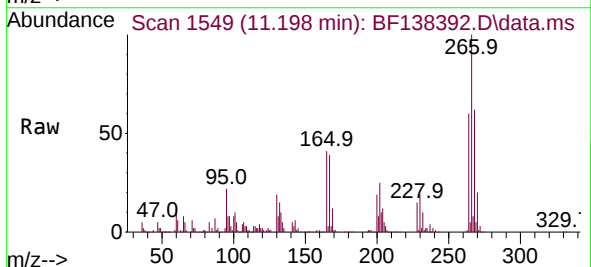
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

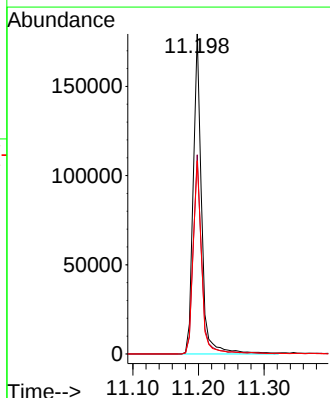
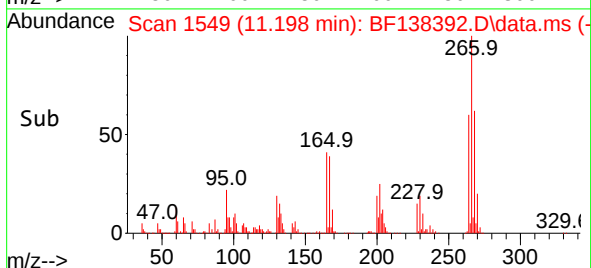
Supervised By :mohammad ahmed 06/29/2024

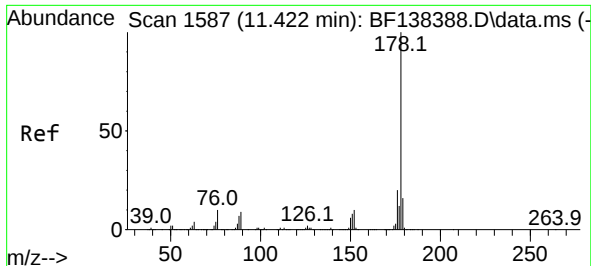


#70
 Pentachlorophenol
 Concen: 41.586 ng
 RT: 11.198 min Scan# 1549
 Delta R.T. -0.000 min
 Lab File: BF138392.D
 Acq: 28 Jun 2024 17:50



Tgt Ion:266 Resp: 159276
 Ion Ratio Lower Upper
 266 100
 268 62.2 49.9 74.9
 264 60.4 50.0 75.0





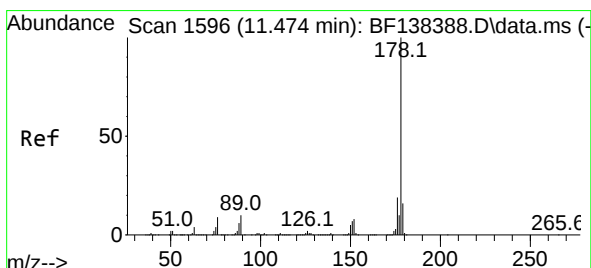
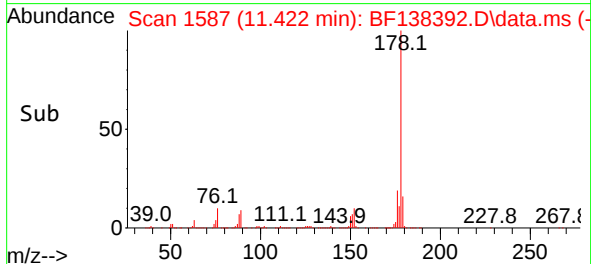
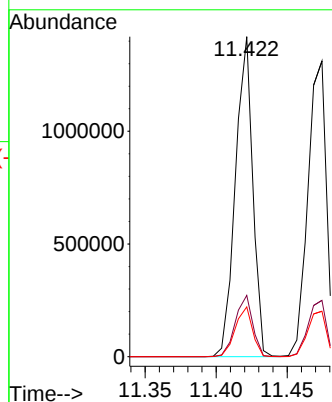
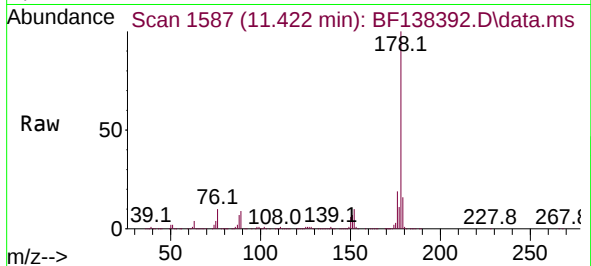
#71
Phenanthrene
Concen: 38.783 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :
BNA_F
ClientSampleId :
ICVBF062824

Tgt Ion:178 Resp: 120611
Ion Ratio Lower Upper
178 100
176 19.2 16.1 24.1
179 15.6 12.6 18.8

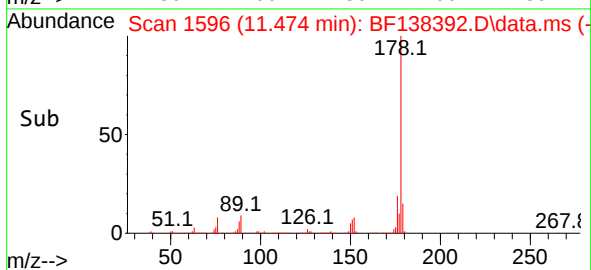
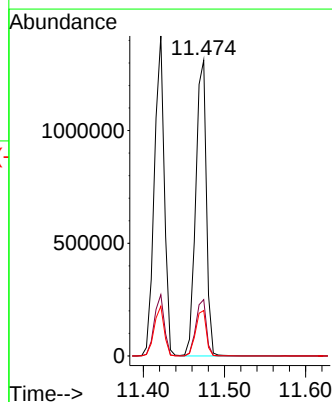
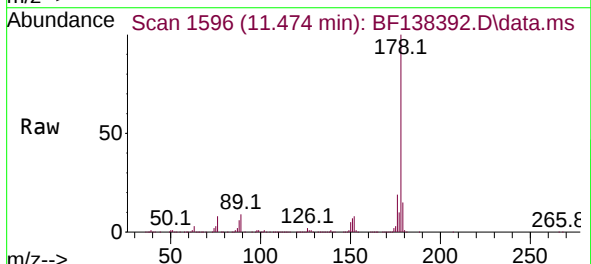
Manual Integrations
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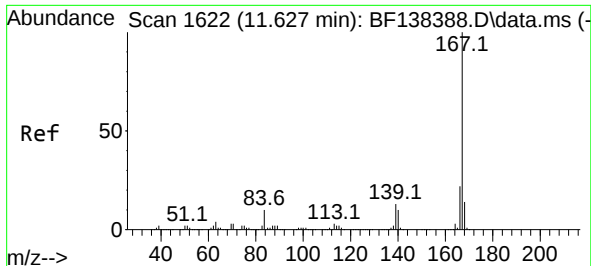
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#72
Anthracene
Concen: 38.680 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

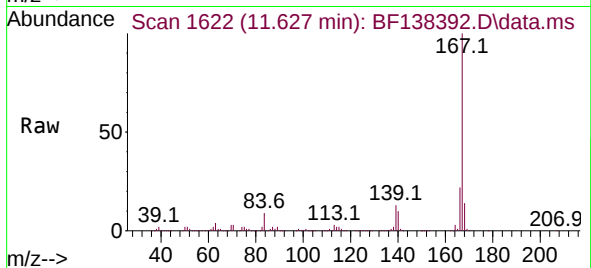
Tgt Ion:178 Resp: 1199641
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.4 12.7 19.1





#73
 Carbazole
 Concen: 39.386 ng
 RT: 11.627 min Scan# 1622
 Delta R.T. -0.000 min
 Lab File: BF138392.D
 Acq: 28 Jun 2024 17:50

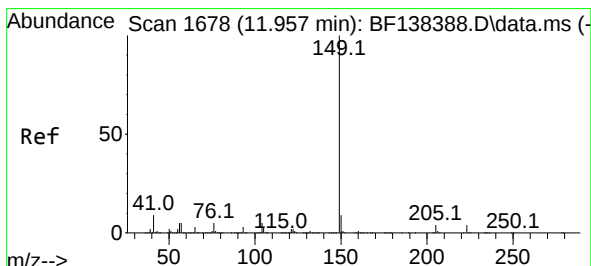
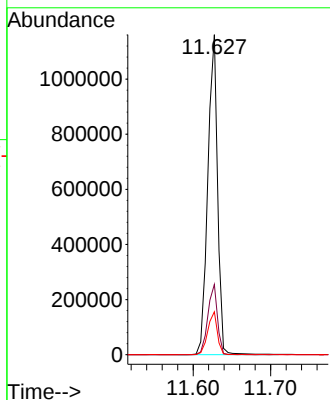
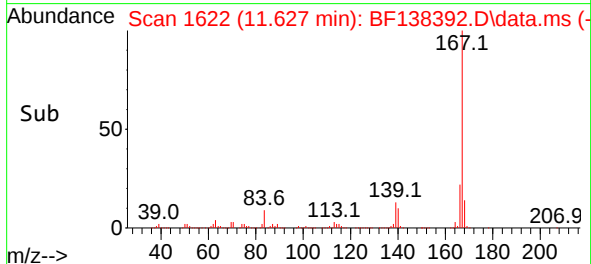
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062824



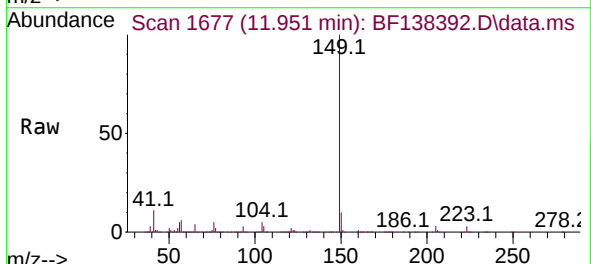
Tgt Ion:167 Resp: 1014134
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.4 10.7 16.1

Manual Integrations
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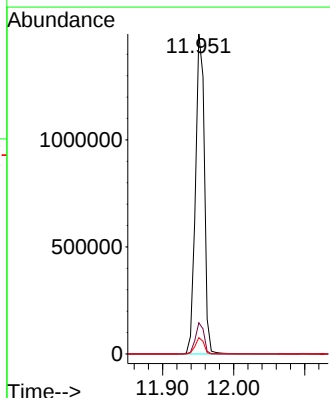
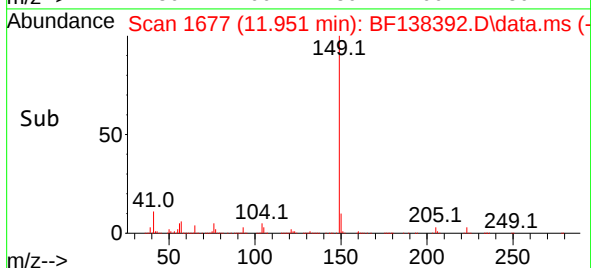
Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

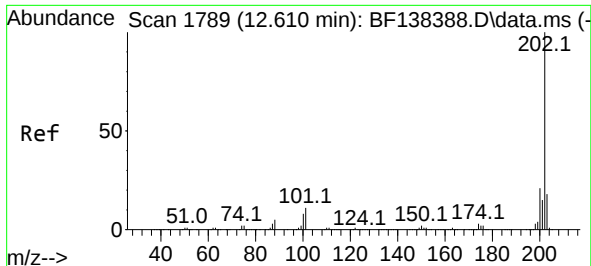


#74
 Di-n-butylphthalate
 Concen: 40.048 ng
 RT: 11.951 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF138392.D
 Acq: 28 Jun 2024 17:50



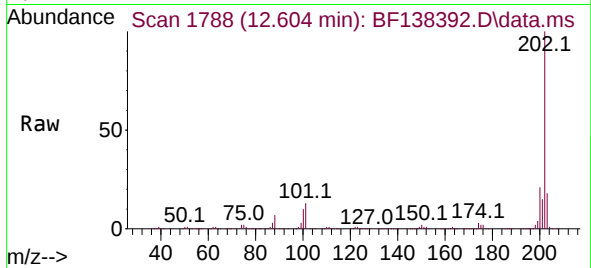
Tgt Ion:149 Resp: 1306792
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 5.1 3.8 5.8





#75
Fluoranthene
Concen: 39.371 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

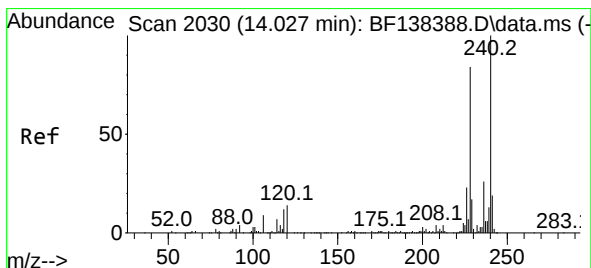
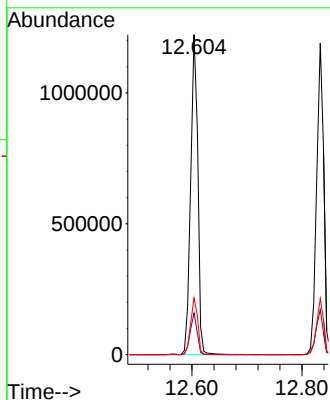
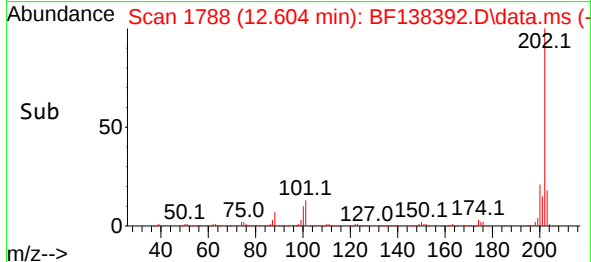
Instrument :
BNA_F
ClientSampleId :
ICVBF062824



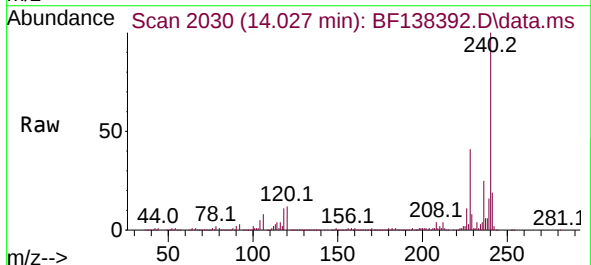
Tgt Ion:202 Resp: 1097700
Ion Ratio Lower Upper
202 100
101 13.1 0.0 30.5
203 17.8 0.0 37.6

Manual Integrations
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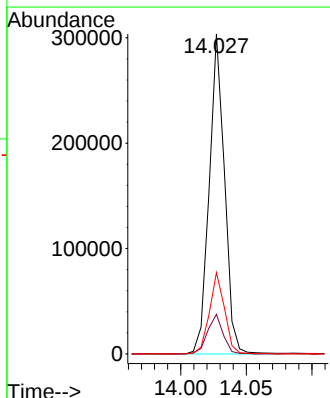
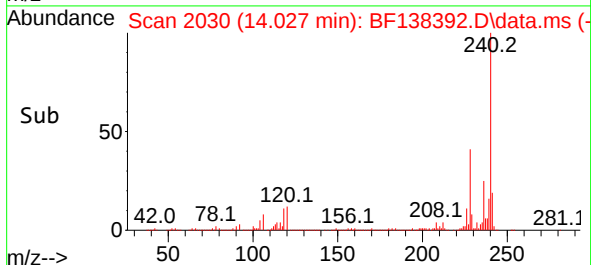
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

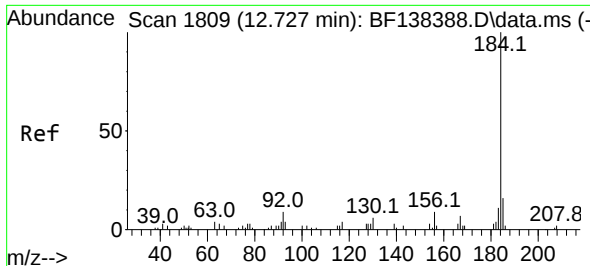


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50



Tgt Ion:240 Resp: 247381
Ion Ratio Lower Upper
240 100
120 12.4 10.9 16.3
236 25.5 20.6 30.8





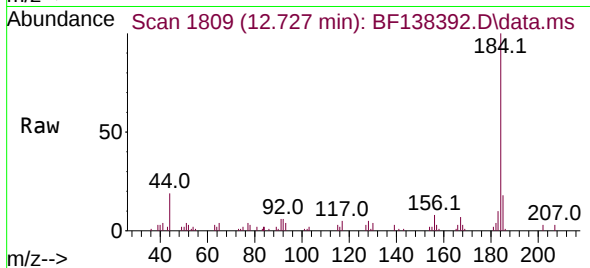
#77
Benzidine
Concen: 10.050 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824



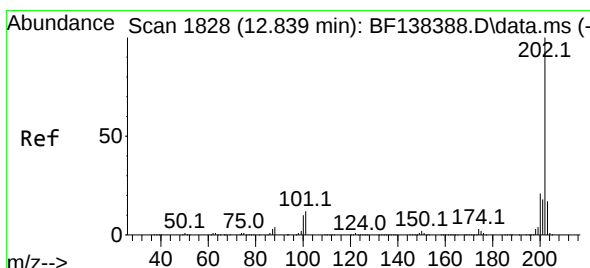
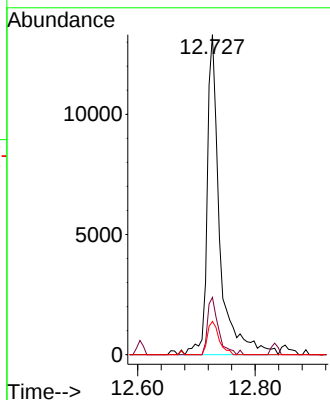
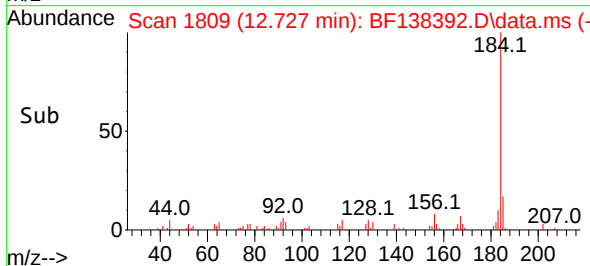
Tgt Ion:184 Resp: 1988
Ion Ratio Lower Upper
184 100
185 17.9 13.0 19.4
183 10.4 9.0 13.6

Manual Integrations

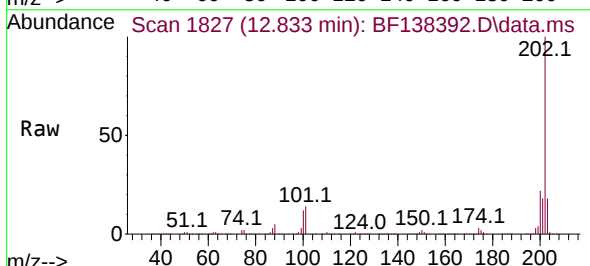
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

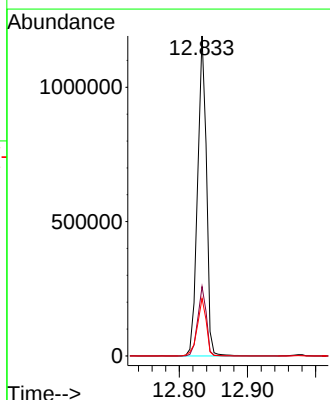
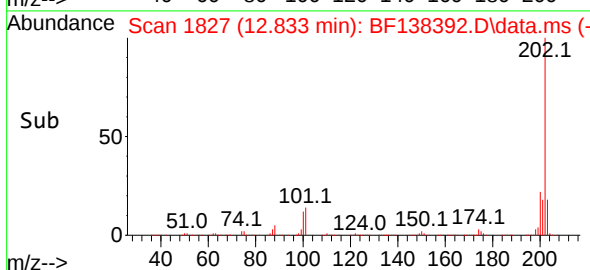
Supervised By :mohammad ahmed 06/29/2024

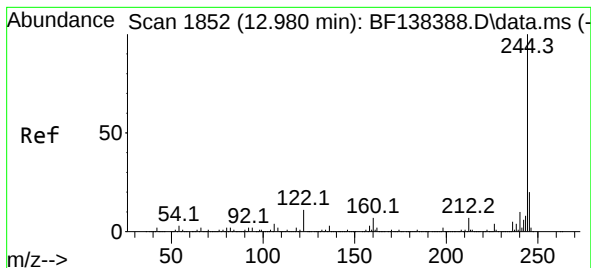


#78
Pyrene
Concen: 40.514 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50



Tgt Ion:202 Resp: 1071181
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 18.0 13.8 20.8





#79

Terphenyl-d14

Concen: 80.881 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF138392.D

Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824

Tgt Ion:244 Resp: 146002

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

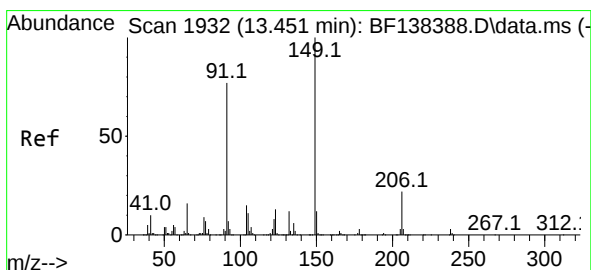
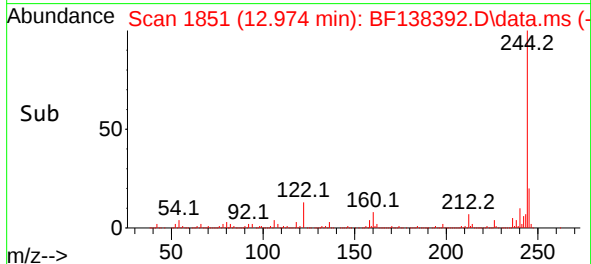
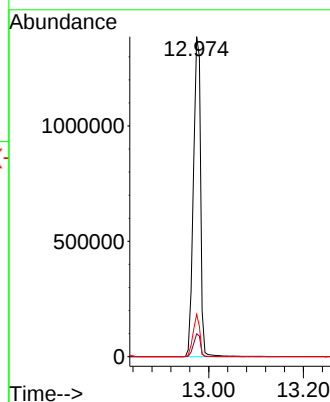
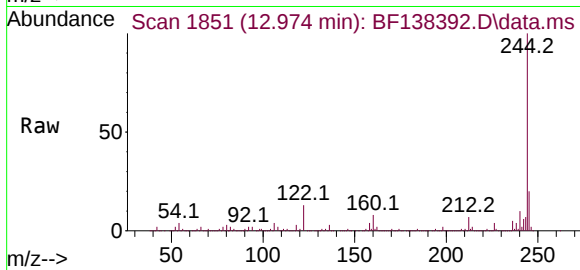
122 13.2 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#80

Butylbenzylphthalate

Concen: 42.732 ng

RT: 13.451 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF138392.D

Acq: 28 Jun 2024 17:50

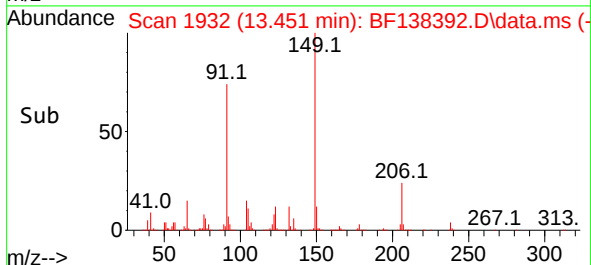
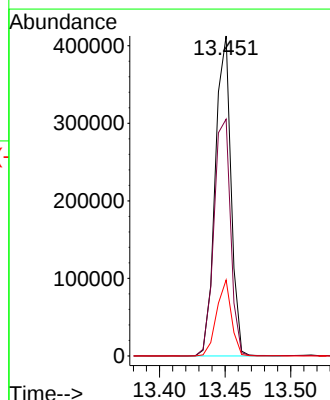
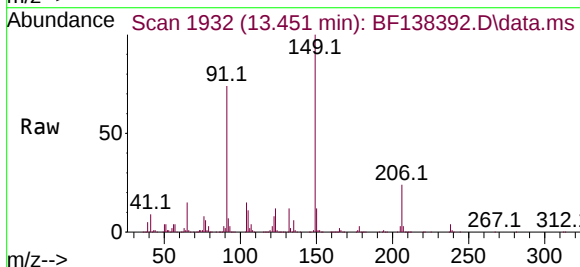
Tgt Ion:149 Resp: 343803

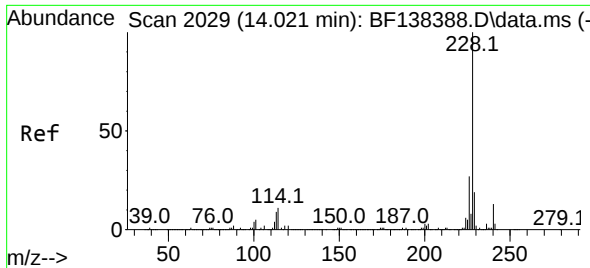
Ion Ratio Lower Upper

149 100

91 74.0 62.0 93.0

206 23.8 17.6 26.4





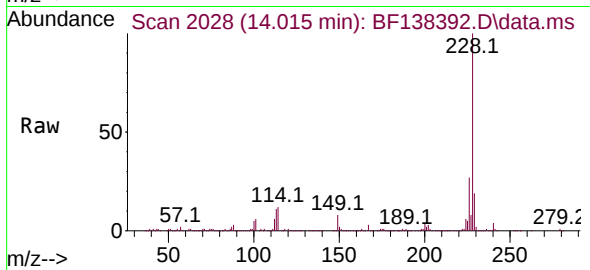
#81
Benzo(a)anthracene
Concen: 39.245 ng
RT: 14.015 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824



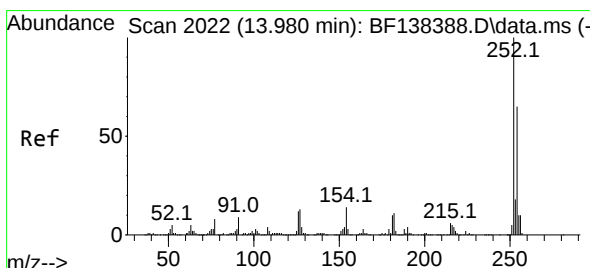
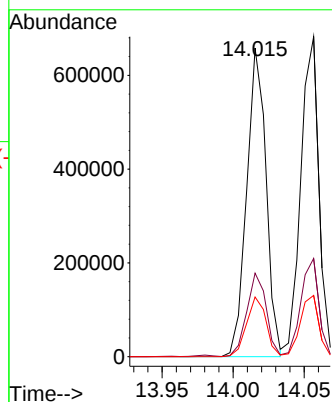
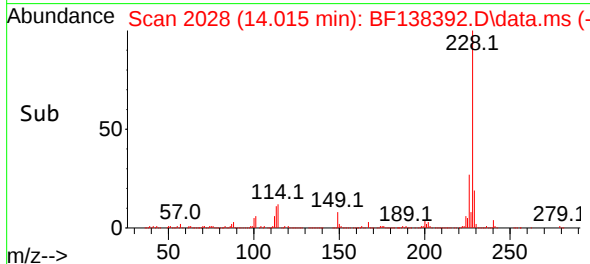
Tgt Ion:228 Resp: 624892
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.4 15.5 23.3

Manual Integrations

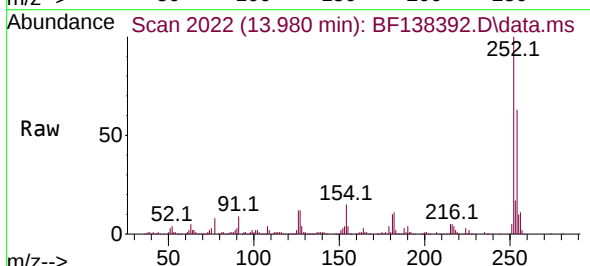
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

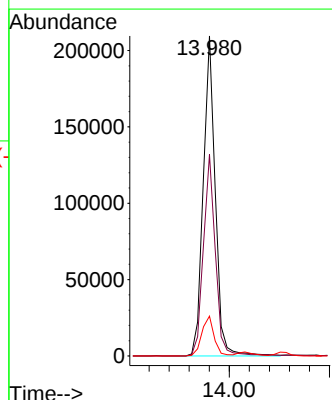
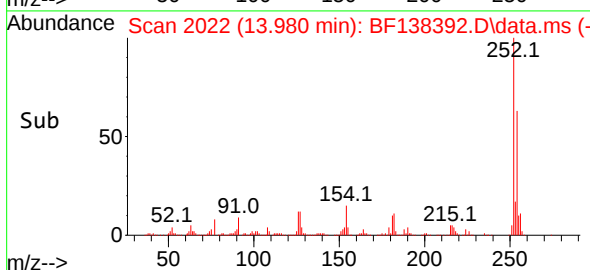
Supervised By :mohammad ahmed 06/29/2024

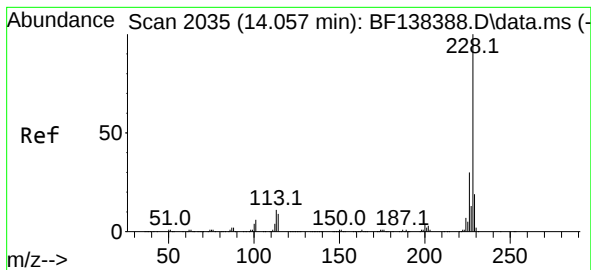


#82
3,3'-Dichlorobenzidine
Concen: 37.352 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50



Tgt Ion:252 Resp: 175596
Ion Ratio Lower Upper
252 100
254 63.0 51.8 77.6
126 12.5 9.5 14.3





#83

Chrysene

Concen: 39.395 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF138392.D

Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824

Tgt Ion:228 Resp: 610379

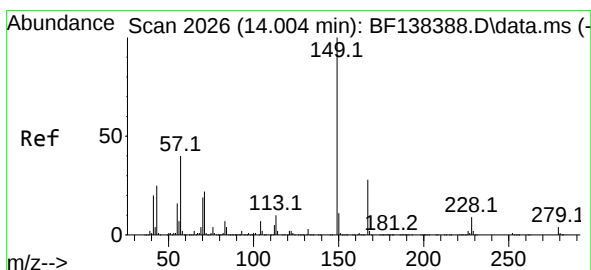
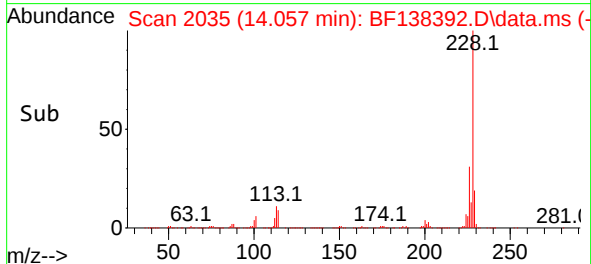
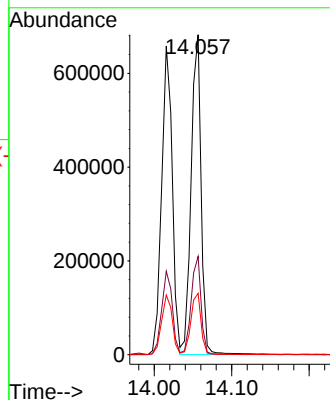
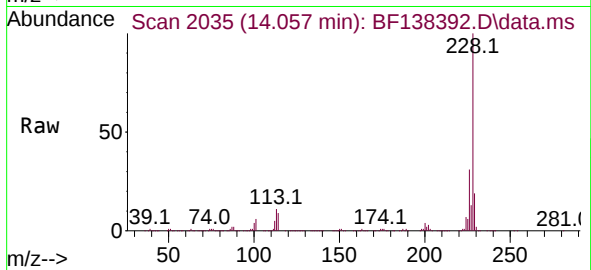
Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.6
229	19.2	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.233 ng

RT: 14.004 min Scan# 2026

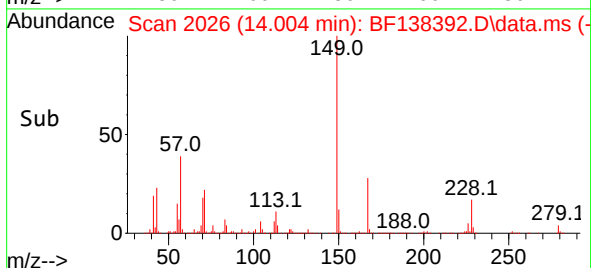
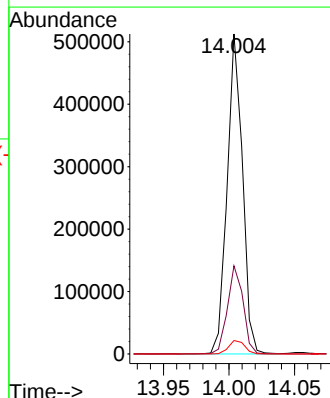
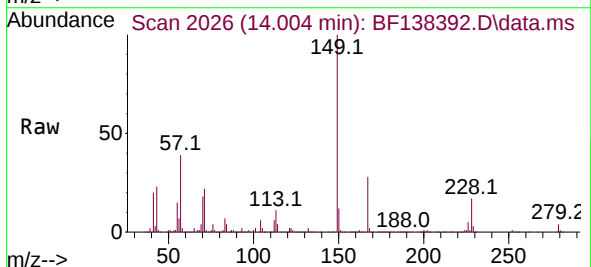
Delta R.T. -0.000 min

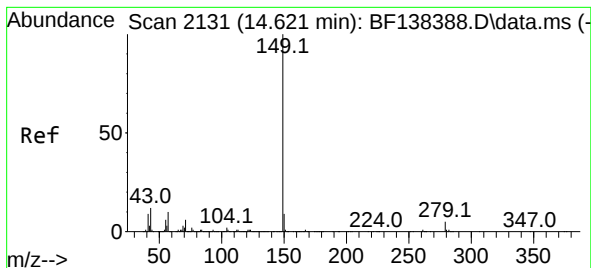
Lab File: BF138392.D

Acq: 28 Jun 2024 17:50

Tgt Ion:149 Resp: 416031

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.6	33.8
279	4.2	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 39.910 ng

RT: 14.615 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BF138392.D

Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824

Tgt Ion:149 Resp: 70483

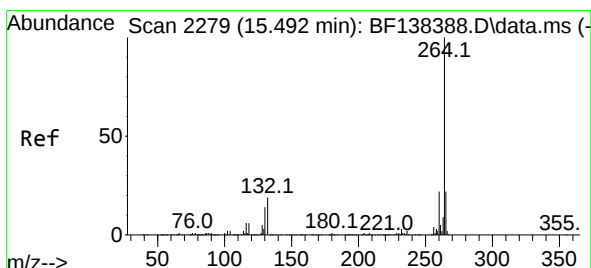
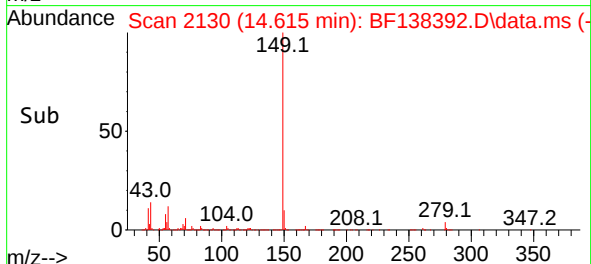
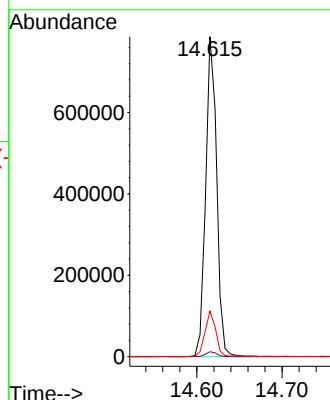
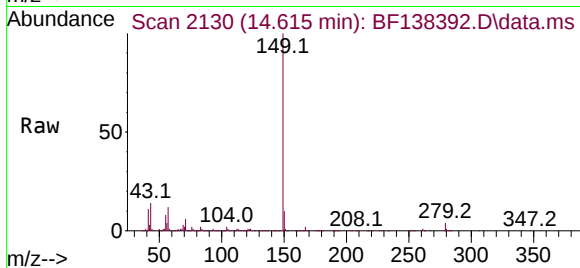
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	14.0	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

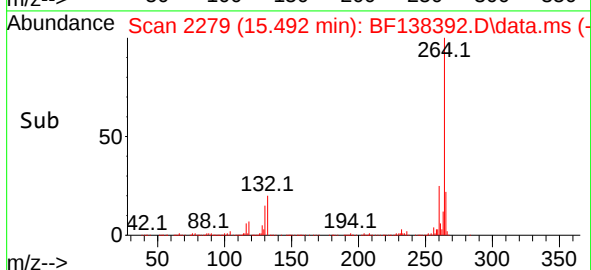
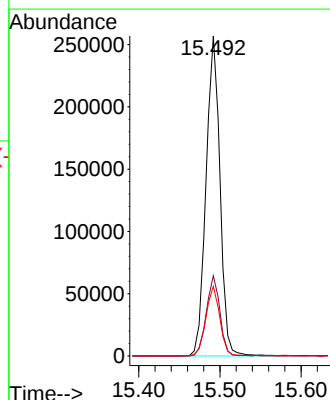
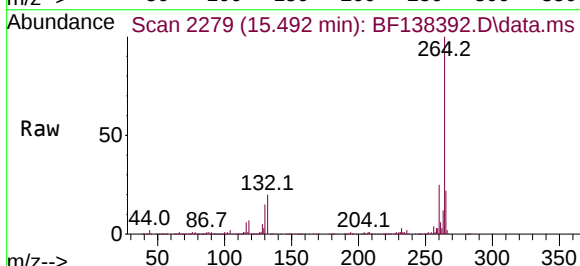
Delta R.T. -0.000 min

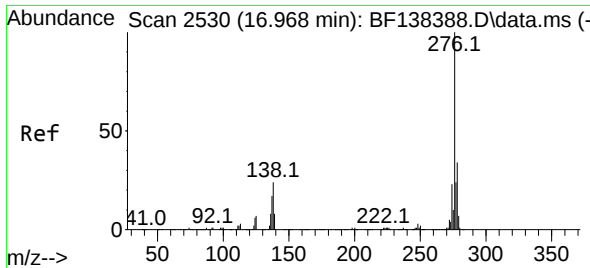
Lab File: BF138392.D

Acq: 28 Jun 2024 17:50

Tgt Ion:264 Resp: 305372

Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.8	26.6
265	21.8	17.5	26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.731 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

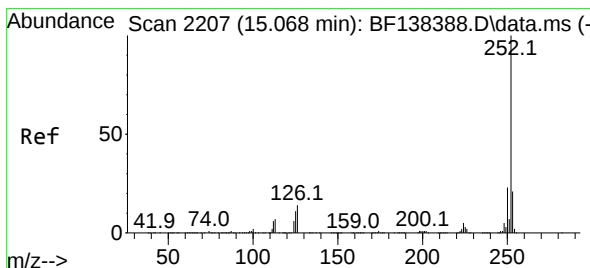
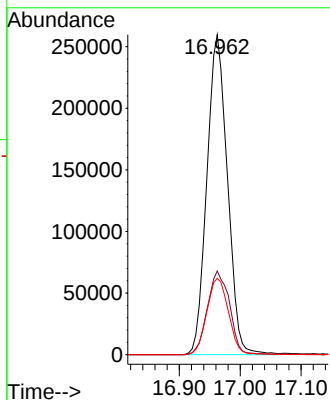
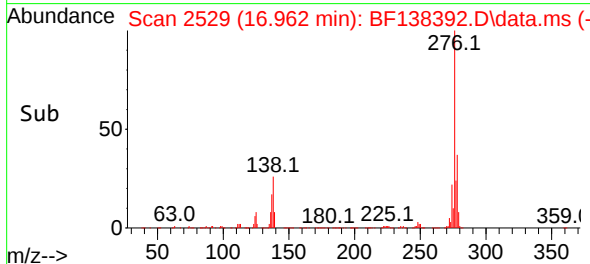
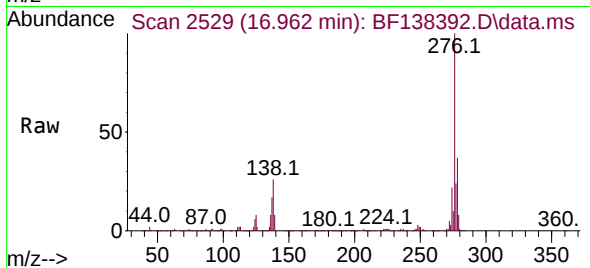
ClientSampleId :

ICVBF062824

Tgt Ion:276 Resp: 60962
Ion Ratio Lower Upper
276 100
138 28.1 22.1 33.1
277 25.2 20.4 30.6

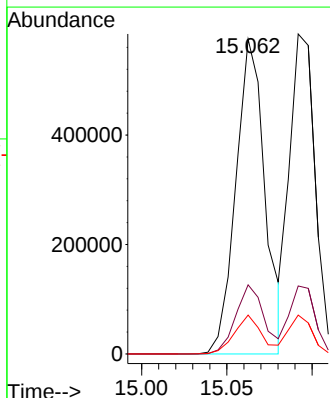
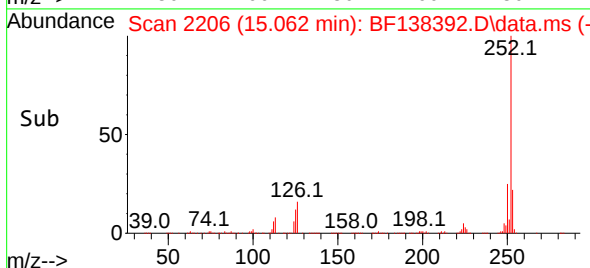
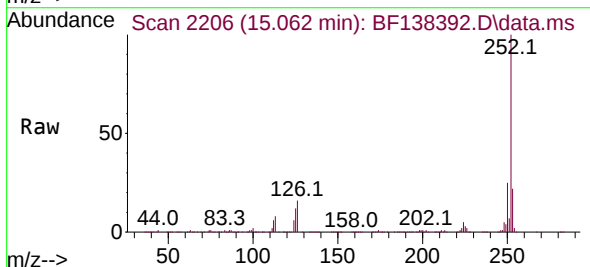
Manual Integrations
APPROVED

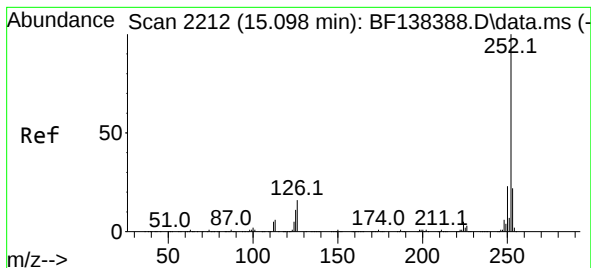
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#88
Benzo(b)fluoranthene
Concen: 40.942 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Tgt Ion:252 Resp: 685961
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 12.4 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 39.844 ng

RT: 15.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138392.D

Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824

Tgt Ion:252 Resp: 614879

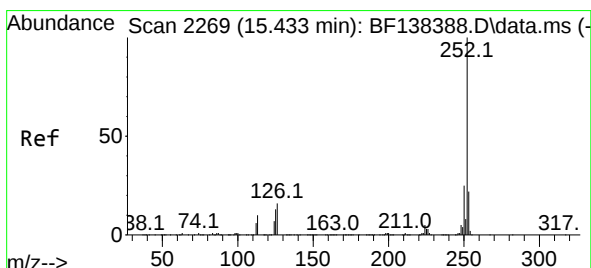
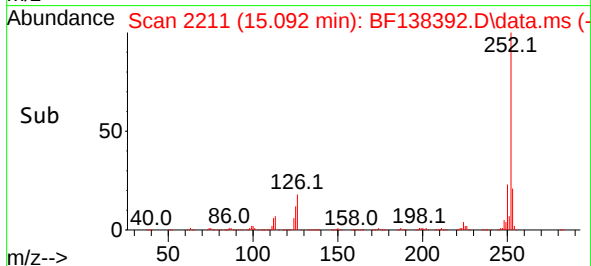
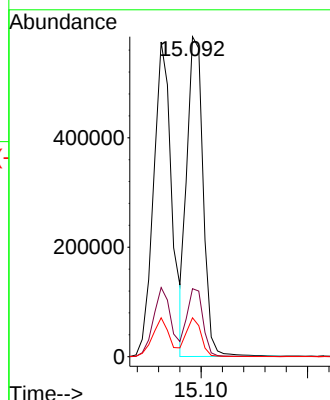
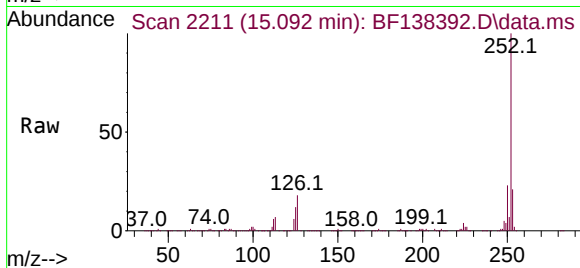
Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	12.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#90

Benzo(a)pyrene

Concen: 40.298 ng

RT: 15.433 min Scan# 2269

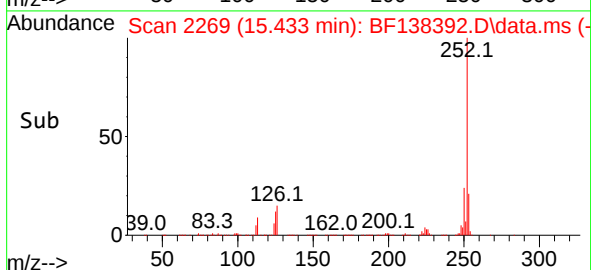
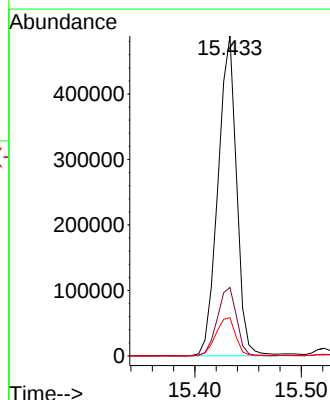
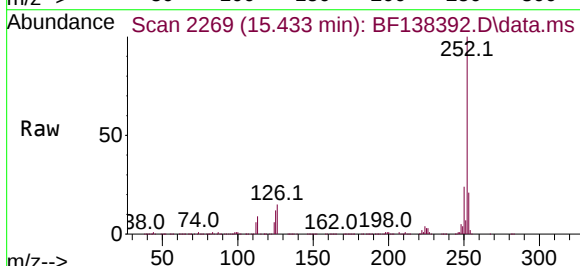
Delta R.T. -0.000 min

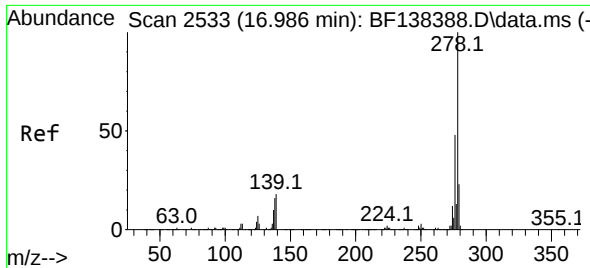
Lab File: BF138392.D

Acq: 28 Jun 2024 17:50

Tgt Ion:252 Resp: 591799

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	11.9	10.2	15.2





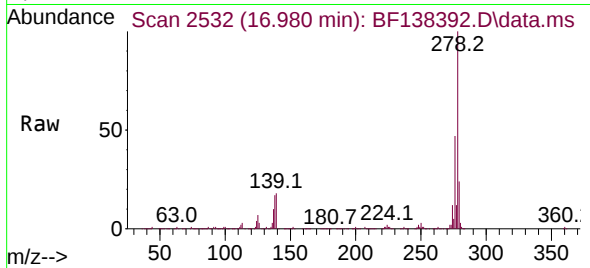
#91
Dibenzo(a,h)anthracene
Concen: 39.872 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Instrument :

BNA_F

ClientSampleId :

ICVBF062824

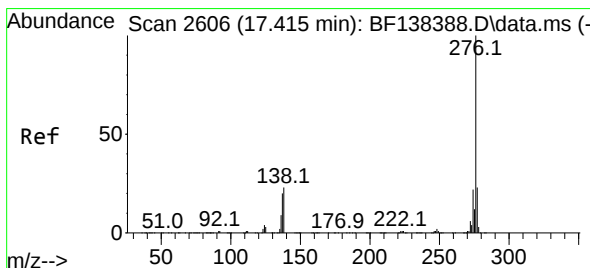
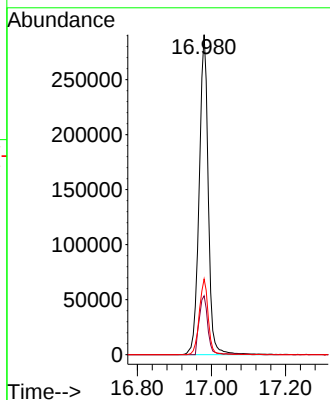
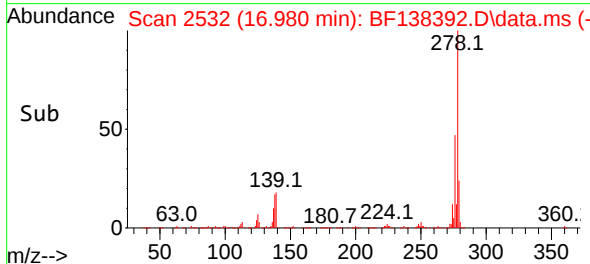


Tgt Ion:278 Resp: 493822
Ion Ratio Lower Upper
278 100
139 18.4 14.3 21.5
279 23.6 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#92
Benzo(g,h,i)perylene
Concen: 39.744 ng
RT: 17.409 min Scan# 2605
Delta R.T. -0.006 min
Lab File: BF138392.D
Acq: 28 Jun 2024 17:50

Tgt Ion:276 Resp: 481544
Ion Ratio Lower Upper
276 100
277 22.3 18.3 27.5
138 22.9 18.3 27.5

